


Kentucky State University Bulletin

An illustration of a modern building with a large white A-frame structure against a green background. Several people are walking in the foreground, including a man in a dark jacket and brown pants carrying a briefcase, a woman in a yellow dress, and a man in a white shirt and dark pants. The scene is set outdoors with a large tree branch visible in the upper left corner.

1972-1974
CATALOGUE EDITION

IMPORTANT FOR PROSPECTIVE STUDENTS

- 1. Have *high school transcripts* as well as credits earned at other colleges forwarded to the Registrar and Admissions Officer.
- 2. Make *room reservation* early.
- 3. *Enter on time*.
- 4. Be sure to take ACT test.

HOW TO ADDRESS CORRESPONDENCE

- For information concerning room, write:
Dean of Students.
- For inquiries concerning transcripts, admissions, courses of study, bulletins, etc., write:
Office of the Registrar and Admissions.
- For information concerning student employment, write:
Director of Financial Aid.
- For information concerning scholarships and loans write:
Director of Financial Aid.
- For information concerning fees and other cost, write:
The Business Manager.

The address for all offices is:
Kentucky State University
Frankfort, Kentucky 40601

Kentucky State University



Catalogue

Announcements for
1972-73 and 1973-74

Volume 13 THE BULLETIN Number 4

p. 85
p. 101
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THE ACADEMIC CALENDAR 1972-73

FALL SEMESTER 1972

August 12-20	Freshman Orientation Week.
August 14-15	Monday-Tuesday—Faculty-Staff-Student Conference.
August 14	Monday—Rosenwald School Begins.
August 21	Monday—Registration of Freshmen and Transfers.
August 22	Tuesday—Registration of Upperclassmen.
August 23	Wednesday—Class Instruction Begins.
August 29	Tuesday—Last Day to Register for Credit.
September 4	Monday—Labor Day—Academic Holiday.
September 12	Tuesday—Last Day to Drop a Course without a Grade.
October 17-18	Tuesday-Wednesday—Mid-Semester Examinations.
November 4	Saturday—TEEP Examinations—Graduating Seniors.
November 16	Thursday—Last Day to Withdraw from Classes.
November 22	Wednesday—Thanksgiving Holiday Begins—12:00 Noon.
November 27	Monday—Classes Resumed.
December 4-8	Monday-Friday—Pre-Registration for Second Semester.
December 8-15	Friday-Friday—Final Examinations for all Students.
December 15	Friday—Fall Semester Ends.
December 18	Monday—All Grades Due in Registrar's Office.

SPRING SEMESTER 1973

January 8-9	Monday-Tuesday—Second Semester Registration.
January 10	Wednesday—Classes Begin.
January 16	Tuesday—Last Day to Register for Credit.
January 30	Tuesday—Last Day to Drop a Course without a Grade.
February 1	Thursday—Last Day Seniors May File Applications for Degrees.
March 7-8	Wednesday-Thursday—Mid-Semester Examinations.
March 10	Saturday—TEEP and Up Examinations—Graduating Seniors.
March 17	Saturday—STEP Examinations—Sophomores
March 24	Saturday—STEP Examinations—Sophomores
March 29	Thursday—Spring Vacation Begins—5:00 P.M.
April 9	Monday—Classes Resumed.
April 12	Thursday—Last Day to Withdraw from Classes.
May 4-7	Friday-Monday—Senior Examinations.
May 4-11	Friday-Friday—Final Examinations for All Students Except Graduating Seniors.
May 11	Friday—Rosenwald School Closes.
May 11	Friday—Second Semester Ends.
May 12	Saturday—Senior Class Day.
May 12	Saturday—Alumni Day.
May 12	Saturday—President's Reception for Seniors, Faculty, and Parents (6:00-8:00 P.M.).
May 13	Sunday—Commencement Convocation, 10:00 A.M.

SUMMER SESSION 1973

June 4	Monday—Summer School Registration.
July 4	Wednesday—Independence Day Holiday.
July 26-27	Thursday-Friday—Final Examinations.
July 27	Friday—Summer School Closes.

THE ACADEMIC CALENDAR 1973-74

FALL SEMESTER 1973

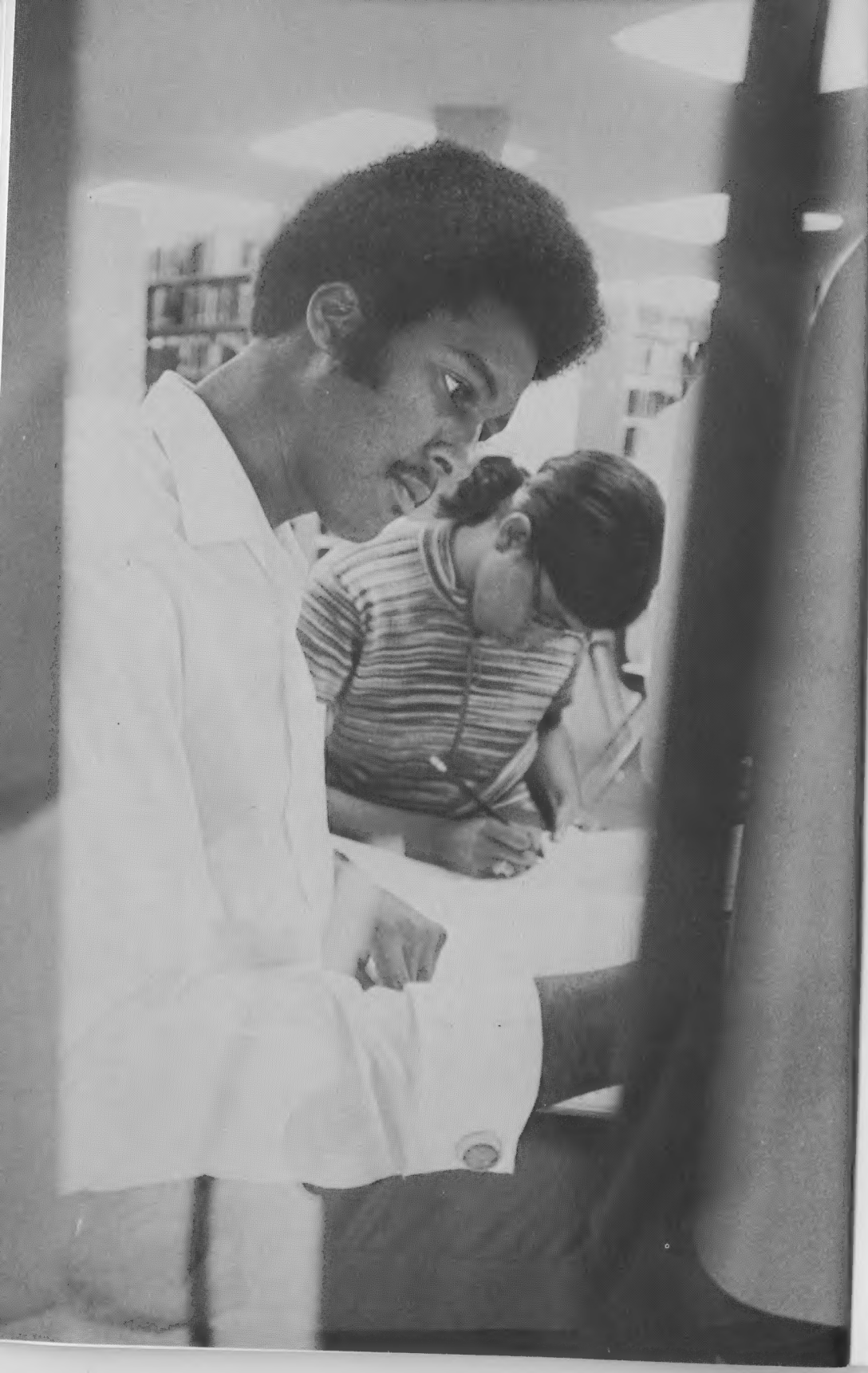
August 11-19	Freshman Orientation Week.
August 13-14	Monday-Tuesday—Faculty-Staff-Student Conference.
August 13	Monday—Rosenwald School Begins.
August 20	Monday—Registration of Freshmen and Transfers.
August 21	Tuesday—Registration of Upperclassmen.
August 22	Wednesday—Class Instruction Begins.
August 28	Tuesday—Last Day to Register for Credit.
September 3	Monday—Labor Day—Academic Holiday.
September 11	Tuesday—Last Day to Drop a Course without a Grade.
October 16-17	Tuesday-Wednesday—Mid-Semester Examinations.
November 3	Saturday—TEEP Examinations—Graduating Seniors.
November 15	Thursday—Last Day to Withdraw from Classes.
November 21	Wednesday—Thanksgiving Holiday Begins—12:00 Noon.
November 26	Monday—Classes Resumed.
December 3-7	Monday-Friday—Pre-Registration for Second-Semester.
December 7-14	Friday-Friday—Final Examinations for All Students.
December 14	Friday—Fall Semester Ends.
December 17	Monday—All Grades Due in Registrar's Office.

SPRING SEMESTER 1974

January 7-8	Monday-Tuesday—Second Semester Registration.
January 9	Wednesday—Classes Begin.
January 15	Tuesday—Last Day to Register for Credit.
January 29	Tuesday—Last Day to Drop a Course without a Grade.
February 1	Friday—Last Day Seniors May File Applications for Degrees.
March 6-7	Wednesday-Thursday—Mid-Semester Examinations.
March 9	Saturday—TEEP Examinations—Graduating Seniors.
March 16	Saturday—STEP Examinations—Sophomores
March 23	Saturday—STEP Examinations—Sophomores
March 28	Wednesday—Spring Vacation Begins—5:00 P.M.
April 8	Monday—Classes Resumed.
April 11	Thursday—Last Day to Withdraw from Classes.
May 3-6	Friday-Monday—Senior Examinations.
May 3-10	Friday-Friday—Final Examinations for All Students Except Graduating Seniors.
May 10	Friday—Rosenwald School Closes.
May 10	Friday—Second Semester Ends.
May 11	Saturday—Senior Class Day.
May 11	Saturday—Alumni Day.
May 11	Saturday—President's Reception for Seniors, Faculty, and Parents (6:00-8:00 P.M.).
May 12	Sunday—Commencement Convocation, 10:00 A.M.

SUMMER SEMESTER 1974

June 3	Monday—Summer School Registration.
July 4	Thursday—Independence Day Holiday.
July 25-26	Thursday-Friday—Final Examinations.
July 26	Friday—Summer School Closes.



Organization, Support, and Accreditation

Kentucky State is a coeducational, four-year institution located on a gently-rolling hill just inside the city limits of Frankfort, Kentucky, *the Capital of Kentucky*.

The campus is highlighted by Bradford Hall, Hathaway Hall and numerous other buildings. These structures spread out from the main administration building, Hume Hall.

Frankfort, the capital of Kentucky, is a rapidly growing community of approximately 34,000 inhabitants. A major portion of the state's governmental, economic and industrial business is handled here. Frankfort is centrally located near several metropolitan areas. Lexington and Louisville, Kentucky, and Cincinnati, Ohio, are all within close proximity.

Many areas of historic and scenic interest are near the Kentucky State campus. The most outstanding of these attractions is the grave of Daniel Boone, located in the Frankfort cemetery on a bluff overlooking the Kentucky River.

HISTORY OF THE UNIVERSITY

Kentucky State was founded as the result of an act passed by the General Assembly of Kentucky in 1886, providing for the establishment of a State Normal School for Colored Persons, as the institution was then named. This action had the approval of Governor J. Proctor Knott who signed the act on May 18, 1886. The people of Frankfort were keenly interested in having the institution located in their city and through their City Council a site and \$1,500.00 were donated toward that end.

In the next year, 1887, Jackson Hall, the oldest building on the campus, was erected on the site given by the Frankfort City Council. John H. Jackson, A.M., from Berea College, was elected the first president. The school opened its doors on October 11, 1887, with three teachers and fifty-five students enrolled during the first school year.

The consistent growth and development of the institution throughout its history have been marked by the following events:

In 1890 were added the departments of Home Economics, Agriculture and Mechanics. In the spring of that year the school turned out its first graduates, a class of five. In 1893 a high school was organized. This expansion continued in the twentieth century, both in name and program. In 1902 the name was changed to Kentucky Normal and Industrial Institute for Colored Persons, and the president was made an ex-officio member of the Board of Trustees. In 1908,



a Practice School was organized. The next year Hume Hall and the first Hathaway Hall were erected. In 1911 the school had its first Summer School. In 1921, through a gift from Mr. Julius Rosenwald, a new brick school was erected for Practice Teaching. In 1926 the name of the school was again changed to Kentucky Industrial College for Colored Persons and provisions made in the statutes that the President be elected for a term of four years. In 1938 the name was changed to Kentucky State College for Negroes. In 1952 the term "for Negroes" was dropped from the title of the institution and the General Assembly made the College an independent institution under its own Board of Regents.

The name Kentucky State College was changed to Kentucky State University in 1972. Thus, the institution became one of the five regional state universities.

Since 1962, the institution has increased in enrollment from 862 to 1,970. Eleven new buildings have been completed. The faculty has increased in number from 49 to 106.

Kentucky State has been under the direction of seven presidents:

John H. Jackson, 1887-1898, 1907-1910; James E. Givens, 1898-1900; James S. Hathaway, 1900-1907, 1910-1912; G. P. Russell, 1912-1923, 1924-29; F. M. Wood, 1923-1924; R. B. Atwood, 1929-62; and Carl M. Hill, 1962—.

Today, Kentucky State has a well qualified faculty, an enriched academic program and a student body of approximately 2,000.

SOURCES OF SUPPORT

The major source of support for the operation of Kentucky State is from appropriations by the Kentucky General Assembly. Some support is provided by student fees and the Federal Government.

MEMBERSHIP AND ACCREDITMENT

Kentucky State is a member of:

- Kentucky Association of Colleges, Secondary and Elementary Schools.
- American Association of Colleges for Teacher Education.
- American Association of Land Grant Colleges and State Universities.
- Southern Association of Colleges and Schools.

Accreditation is extended to the institution by:

- National Council for Accreditation of Teacher Education.
- Kentucky State Department of Education.

Credits attained at Kentucky State are accepted by other accredited institutions as transfer credit and for graduate study, professional placement, and employment.

General Information

AIMS AND PURPOSE

The aims of Kentucky State are to encourage the attainment of excellence in scholarship; the acquisition of special skills in the arts, sciences, and vocations; and the development of a sense of obligation to contribute to the intellectual, cultural, spiritual, and economic growth of the community.

In achieving these ends, Kentucky State seeks to prepare its students to think critically; to express themselves creatively; to make independent and rational judgments; and to practice adherence to standards of moral rectitude.

The aims of Kentucky State, consistent with the above philosophy, are to provide students: (1) a foundation for graduate and professional studies; (2) preparation for elementary and secondary teaching, for positions in vocational and technical home economics, and for clerical, secretarial, technical and managerial positions in business and commerce; and (3) vocational-technical preparation on a two-year level.

To achieve these aims, Kentucky State offers curricula in three areas: (1) regular four-year liberal arts program, (2) two-year community-college program, and (3) late afternoon-evening program.

FUNCTION

As a state and Land-Grant institution, Kentucky State is committed to three educational functions: teaching, research and public service.

LOCATION

Kentucky State is located in Frankfort, on a beautiful hill overlooking the city. Its campus consists of 26 buildings and about 220 acres of rolling land, covered with blue grass and beautifully studded with evergreen and deciduous shade trees.

U. S. Highway No. 60 passes between the main campus and south campus, consisting of dormitories, the athletic complex and Industrial Arts Building. Entrances to both areas are located on this thoroughfare.

Interstate 64 is located approximately two miles from the Campus. Interstate 75 is about 16 miles east.

GOVERNMENT AND DISCIPLINE

The general direction of Kentucky State's affairs is in the hands of the President, the Vice President for Academic Affairs, and the Faculty, with special problems being brought before the Executive Council. The Dean of Students coordinates all student personnel activities. Conduct problems of a serious nature are referred to the Committee on Student Personnel, subject to review by the Executive Council.

FINANCIAL ASSISTANCE TO STUDENTS

The expenses connected with attending Kentucky State are intentionally kept as reasonable as possible, and compare quite favorably with costs at other institutions of equal rank and prestige. Expenses are printed elsewhere in this section of the catalogue.

Parents are encouraged to arrange to pay expenses in full so students will not have to work their way through school. College studies are difficult and students need much time for study and for the wholesome extra-curricular activities. A job may take up time that the student needs for study.

Even though expenses are kept very reasonable, Kentucky State maintains a program of financial assistance for those who could not otherwise attend. The primary administration of this program is in the hands of The Committee on Student Financial Aid. Any student, seeking aid must file proper application for financial aid in addition to the application for admission to Kentucky State.

APPLICATION FOR FINANCIAL AID ACADEMIC YEAR

FRESHMEN AND TRANSFER STUDENTS:

- I. Application for admission to Kentucky State must be submitted before the application for financial aid can receive consideration.
- II. The Parents (or Guardians) of an applicant for financial aid must complete a Parent's Confidential Statement. This form, along with instructions, may be secured from any high school counselor. This form should be completed in January, February or March.
- III. The prospective student must complete an Application for Financial Aid. This form may be secured from the Student Aid Office.

SOPHOMORES, JUNIORS AND SENIORS:

- I. The Parents (or Guardians) must complete a new Parent's Confidential Statement *each year* the student applies for aid. This should be completed in January, February or March. This form, along with instructions, is available in the Financial Aid Office.
- II. A new application for Financial Aid must also be completed each academic year. This should be done in January, February or March along with the Parent's Confidential Statement. This form is also available in the Financial Aid Office.

SUMMER SCHOOL

- I. If a Parent's Confidential Statement has been submitted for the immediately preceding academic year, a new form is not necessary for a summer school application.
- II. A separate application for Financial Aid must be submitted between March 1st and May 1st in order to receive consideration for a Summer School award.

TYPES OF ASSISTANCE

KENTUCKY STATE ACADEMIC SCHOLARSHIPS

Kentucky State awards scholarships to Kentucky students who graduate in the top 15% of their class. These scholarships normally go to Freshmen and are renewable if the student maintains a 3.0 average. Although a Parent's Confidential Statement is not required, the student is encouraged to submit one as this may enable the institution to provide additional assistance from another source. *An Application for Financial Aid is required.*

DEPARTMENTAL SCHOLARSHIPS

The Departments of Music and Home Economics have several types of scholarships which are administered by the Chairman of the respective Department. A student planning to major in either of the above areas should contact the Department for scholarship information. If, in addition to scholarship assistance, he wishes to apply for a loan, grant or part-time employment, he should follow the procedures outlined previously.

Sears, Roebuck and Company Scholarships—Sears, Roebuck and Company has made available several scholarships to students who desire to study Home Economics.

Kroger Company Scholarships—The Kroger Company has made available scholarships to students who desire to study Home Economics.

Mabel C. Atwood Scholarship—Established in 1967 by Mrs. Mabel C. Atwood, former member of the Piano Faculty and the wife of President Emeritus Rufus B. Atwood. The scholarship is awarded annually to an outstanding piano major in the Department of Music at Kentucky State.

EDUCATIONAL OPPORTUNITY GRANTS

Kentucky State makes grants of up to \$1,000 per academic year to students who could not otherwise enroll in college. These grants are then renewable for up to four years. *Eligibility for the grant is determined from the information submitted on the Parent's Confidential Statement and the Application for Financial Aid.*

NATIONAL DEFENSE STUDENT LOANS

Kentucky State makes loans to students who are in need of funds in order to attend college. These loans carry a 3% simple interest charge, which begins nine months after graduation or withdrawal. A portion of the loan may be cancelled for students who become teachers. *A Parent's Confidential Statement and an Application for Financial Aid are necessary to determine eligibility for this loan.*

THE KENTUCKY STATE STUDENT LOAN FUND

In March 1950, the State Board of Education established the Kentucky State College Student Loan Fund and used a gift from Mr. Paul G. Blazer of Ashland, Kentucky, as the first deposit therein. Eligible students are granted short-term loans from this Fund. Applications for loans from this Fund should be made to the Committee on Scholarships and Loans.

PART-TIME EMPLOYMENT PROGRAMS

Kentucky State employs students under the College Work-Study Program and the Part-Time Employment Program for up to 15 hours per week. Earnings under these programs range from \$300 to \$900 per academic year. *A Parent's Confidential Statement and an Application for Financial Aid must be submitted for employment under either program.*

NURSING STUDENT ASSISTANCE PROGRAMS

Special loans and scholarships are available to students enrolled in the Nursing Program. The loans carry a 3% simple interest charge which begins nine months after ceasing to be a full-time student. A portion of the loan may be cancelled for students who become full-time professional nurses. *A Parent's Confidential Statement and an Application for Financial Aid are necessary to determine eligibility for these special programs.*

COMMON QUESTIONS AND ANSWERS IN FINANCIAL AID

What type of assistance am I eligible for?

No determination of eligibility is possible until a Parent's Confidential Statement and an Application are received in the Financial Aid Office.

What type of assistance should I apply for?

The Application is designed to be used for all types of aid. If you are not sure, answer all questions and you will be considered for all types. If you have a preference for one type of aid, then attach a letter explaining which type you are most interested in receiving. If you are not eligible for your preference, we will consider awarding other types.

When should I apply?

Complete your Parent's Confidential Statement in January, February or March. Send your Application to the Financial Aid Office at the same time the Parent's Confidential Statement is mailed to the College Scholarship Service. Most of our money is committed prior to June 1st of each year.

What is a Parent's Confidential Statement (P. C. S.)?

The Parent's Confidential Statement is supplied to high schools and colleges by the College Scholarship Service and is used to determine the amount of financial help a family can reasonably be expected to give the student. Through use of this form it is possible to make a better distribution of the available funds.

Why must a P. C. S. be completed?

The P. C. S. is our primary way of determining which students receive assistance. Since most of our money comes from the Federal Government, we must be careful to show that the student actually needs the assistance.

Is a P. C. S. needed for all types of assistance?

No. You may receive a Music, Home Economics, KSC Scholarship or Athletic Grant-in-Aid without submitting a P. C. S. However, without the P. C. S. you can not be considered for a loan, grant, or work assignment. If you submit the form, it will be on file if a need should arise for additional funds during the academic year.

Will I be penalized if my parents refuse to complete the P. C. S.?

Yes. Although we attempt to help students with this problem, it is often impossible to award as much money without the P. C. S. If this problem arises, you should immediately contact the Financial Aid Office.

Do resident students receive preference for financial aid awards?

No. We compare the money you should have available to your cost of attending Kentucky State. Since the cost is greater for non-resident students, the award may often be larger.

If I have financial aid from home will this affect my getting additional aid?

Yes. In analyzing your financial need we compute your estimated cost of attending Kentucky State and subtract all financial help you expect to receive from home (or other non-college sources). The remaining need is the amount of Financial Aid the institution will attempt to furnish.

Can I receive financial aid from sources outside Kentucky State?

Yes. The Federally Insured Loan Program is operative in most states. Check with your parents' bank to see if it participates in this program. In addition, the local P.T.A., Lions Club and various other organizations in your home town usually have scholarships to help students in attending institutions of higher education.

Will my academic standing affect the amount of aid I will receive?

An excellent academic standing may qualify you for a scholarship and therefore increase the amount of assistance you will receive or may mean that a loan or work assignment will be changed to a scholarship. However, as long as you are eligible to remain in school you are eligible for consideration for a loan, grant or work assignment.

Is employment considered aid?

Yes. Most of the money paid to student employees is received from the Federal Government. Regulations covering the funds specify that the student must have a financial need in order to be awarded a work position.

If additional information is needed you may write to:

STUDENT FINANCIAL AID OFFICE
KENTUCKY STATE UNIVERSITY
FRANKFORT, KENTUCKY 40601

BUILDINGS AND FACILITIES

ACADEMIC AND ADMINISTRATIVE BUILDINGS

HUME HALL, the center of the administrative offices, was erected in 1909. The building was totally renovated in 1964 and 1969. The first floor of the two-story building provides office space for the primary administrative officers; the second floor houses the following administrative offices: Student Personnel, College Placement, Financial Aid, Director of Development, and Student Counseling Center.

PAUL G. BLAZER LIBRARY is the heart of the institution. It provides an atmosphere suitable for study and encourages recreational reading for both students and faculty. It has a book stack area to accommodate 60,000 volumes, a conference room, a staff lounge, curriculum library, and other facilities for students and staff.

The Addition to Paul G. Blazer Library, was completed in the Spring of 1968. It more than doubled the library floor space, and provided book shelves to house more than 125,000 volumes. The completely air-conditioned addition contains book stack space, individual study carrels, book processing rooms, library staff offices, conference rooms and the main circulation counter.

JACKSON HALL is a two-story brick building of the German Castle style, erected in 1887. It was the first building erected at the institution. This building is the future home of the proposed museum.

GEORGE WASHINGTON CARVER HALL is a science class room building dedicated in 1952. It provides classrooms, a lecture auditorium, modernly equipped laboratories for instruction and research in biology, chemistry, mathematics, and physics, faculty offices, and offices for department chairmen.

The Annex to George Washington Carver Hall was completed in the Spring of 1968. The building is connected to the George Washington Carver Hall's main structure by an enclosed passageway. The three-story building is completely air-conditioned. It contains faculty offices, faculty research laboratories and instructional laboratories for the Department of Chemistry; a small animal room, faculty offices and faculty research laboratories for the Department of Biology; office space for the Physics faculty; and data processing facilities.

The original George Washington Carver Hall structure was renovated, and houses the Departments of Biology and Mathematics. The renovation was completed in the Fall of 1968.

BRADFORD HALL is a modern structure, completed in 1965, that houses the Department of Business-Economics, the Department of Music, and the dramatic arts. The upper level is occupied by a small theatre, main auditorium, dramatics room, offices, conference room, general purpose classrooms, laboratories and a machine room for business instruction. The lower level contains the facilities of the music department. Included are classrooms, studio practice rooms, and offices. The building is the center of many cultural and educational activities. The building is named after the late Dean of Kentucky State.



BELL HEALTH AND PHYSICAL EDUCATION BUILDING was erected in 1962. The primary function of this building is for instruction in health and physical education. There are 33,000 square feet of floor area, affording space for two classrooms, a large game floor, a swimming pool, two team rooms, a concession stand, offices for teachers and other facilities.

ROSENWALD ELEMENTARY LABORATORY SCHOOL, erected in 1954, is a one-story brick and tile structure. This building is equipped to provide supervised instruction in elementary education. It contains three classrooms, a library, an art room, an office for teachers and a cafeteria.

HATHAWAY HALL was constructed in 1967. This ultra-modern building houses the Departments of English, Education-Psychology, History and Political Science, Home Economics, Romance Languages, and Sociology; Art, Nursing Education, and the Career Planning and Placement Program. The five-story building is completely air-conditioned, and contains classrooms, instructional laboratories, a large lecture hall, faculty and student lounges, faculty offices and art studios.

SHAUNTEE HALL was completed in June, 1970. This new facility houses the four-year teacher-training Industrial Arts program and three two-year technology programs with Associate Degree offerings. The lower floor has two metal shops, a woodworking shop, a crafts room, two classrooms, five offices and necessary utility and storage rooms. The upper floor houses two drafting rooms, two laboratories for power mechanics and electronics, necessary storage rooms, and a mechanical room. All areas of the building are air-conditioned except the shops, corridors, storage, and mechanical rooms. There is forced-air circulation and exhaust systems for the shops.

SERVICE BUILDINGS

THE UNDERWOOD CAFETERIA was erected in 1939 as the dining hall for the college. The cafeteria was completely remodeled in 1969 and prepares meals for all resident students. A snack bar and recreation room are also located in the building.

THE CARL M. HILL STUDENT CENTER is the center of student life. Erected in 1970-71, this completely air-conditioned building serves as a common meeting place for students, faculty and staff. Located in this building are a four-lane bowling alley, administrative offices, college bookstore, grill, pool and table tennis rooms, lounging area, organizations meeting rooms, and ballroom-banquet-theatre area.

THE BETTY WHITE HEALTH CENTER, erected in 1971, is a two-story structure containing a lounge area, offices, medical laboratory, dental office, doctor's consultation rooms, physical therapy room and x-ray room. There is a fifteen-bed ward for men, with similar accommodations for women, an isolation ward, and an apartment for the resident nurse.

ALUMNI HOUSE is a modern brick cottage, containing a large lounge and two dormitory rooms. The lounge is suitable for small conferences and lends itself to many types of social events.

JAMES A. JORDAN HEATING PLANT, erected in 1939, is a one-story brick fire-proof building. It is equipped for high pressure steam production and supplies heat and hot water for the campus buildings. Annexed to the Boiler House is the Plumbing and Heating Repair Shop. The shop is equipped with modern power machinery necessary for plumbing and heating repairs.

ROBERT H. JORDAN BUILDING was completed in the Spring of 1968. This two-story building houses the Department of Maintenance and provides storage and dispensary facilities for college supplies and equipment. The building contains two large storage rooms, staff office space, several repair shops for the carpentry, plumbing, electrical, and automobile mechanics trades, and space for roads and grounds equipment. The building will also serve as the headquarters for the Security Personnel.

SPORTS CENTER, completed in 1971, contains a 6,500-seat basketball—special events arena, with an unhindered view from every seat. Cultural and entertainment events are brought into the Center when it is not serving as the home court of the championship Kentucky State basketball team. It is located in downtown Frankfort.

OUTDOOR RECREATIONAL FACILITIES—Kentucky State provides outdoor recreational facilities for men and women students. There are 7 asphalt and 4 clay tennis courts.

The Memorial Athletic Complex was constructed in 1969. The first units of the complex consists of a baseball playing field with two dugouts and spectator seats, a parking lot, a football stadium, and a storage field house. A running track is scheduled to be completed in the near future, thus making this facility one of the best and most modern in this section of the country.

DORMITORIES AND LIVING QUARTERS

ATWOOD HALL, erected in 1935, is a modern three-story double-L shaped fire-proof dormitory for men students. It has a spacious lobby, two club rooms, a director's office, and two five-room apartments.

CHANDLER HALL, erected in 1939, is a modern three-story fire-proof brick dormitory for women. The first floor contains a lobby, reception room, office for the director, and a small kitchenette.

COMBS HALL, erected in 1964, is a recently constructed dormitory. It has four floors, and a basement. It is a modern structure with complete facilities for study, recreation and comfortable living. It was recently converted to a women's dormitory.

HUNTER HALL, the newest dormitory for women on the campus, was completed in 1964. Rooms for students are located on three floors. The basement contains a recreation room with television, a canteen room, kitchen, beauty parlor, trunk room, and storage room.

KENTUCKY HALL, erected in 1929, is a two-story, double-L shaped modern fire-proof dormitory for women. The building contains fifty-two student rooms, director's apartment, and a student reception room. In the basement is a club room.

McCULLIN HALL, erected in 1949, consists of three stories and a basement. In the basement are a lounge, a Y.M.C.A. room, a billiard room, a barber shop, a kitchen, and a room for visiting athletic teams, large enough to accommodate 40 persons.

WHITNEY M. YOUNG, JR. HALL was constructed in 1967. This completely air-conditioned building provides living accommodations for 324 men students. In addition to bedrooms, the three-story building contains several recreational and lounging facilities, guest rooms, a director's apartment, living accommodations for professional and student counselors, and a conference room.

PRESIDENT'S RESIDENCE, erected in 1919, is an eight-room two-story brick dwelling with full basement.

FACULTY APARTMENTS AND COTTAGES—In 1948 the James S. Estill and James H. Ingram Apartments for faculty members were constructed. These two modern apartment buildings give the institution twelve family units. In addition there are several other cottages and apartments for faculty use.

NEW FACULTY APARTMENT BUILDING, named Green P. Russell Court, was erected in 1967. It provides living accommodations for 20 families. The four-story building contains 8 two-bedroom family units and 12 one-bedroom family units. It is completely air-conditioned, and is located near the extreme end of the south campus.



STUDENT ACTIVITIES

SOCIAL LIFE

The socialization phase of student life appears in social activities which provide for the out-of-class growth and development of students. They provide an ideal milieu for practice in investigative thinking as answers are gathered from a wide variety of sources and checked against real human emotions, purposes, desires, and ideas. The role of social activities, then, is to supplement the classroom by providing extended and different means of fulfilling the requirements of education. They become means for assisting students toward attaining a clear understanding of reality.

STUDENT ORGANIZATIONS

Students find opportunities for expression and development through various voluntary student organizations. The following constitutes a list of such organizations:

Alpha Kappa Mu Honor Society is designed to give recognition and encouragement to high scholarly attainment. Any student enrolled in any department who maintains an average of 3.30 or better for five semesters of college work is eligible to become a member of this society.

Alpha Mu Gamma Foreign-Language Honor Society was organized in 1965. Its primary purpose is to honor students for outstanding achievement during the first two years of foreign language study in college.

Alpha Phi Omega is a National Service Fraternity for college and university men. Its purpose is to develop leadership, to promote friendship, to provide service to humanity, and "to further the freedom that is our national, educational and intellectual heritage." Since its founding in 1925 more than 100,000 men have joined Alpha Phi Omega on more than 450 college and university campuses. Alpha Phi Omega National Service Fraternity was chartered at Kentucky State on May 14, 1966, as Pi Omega Chapter.

Beta Kappa Chi Scientific Society was organized at Kentucky State, October 14, 1946. The objective of this Society is the encouragement and advancement of scientific education, research and dissemination of scientific knowledge.

The Black Student Union was organized on May 1, 1969. It is designed to create black awareness, to foster black pride and to maintain black unity.

Gamma Sigma Sigma National Service Colony is based on the high ideals of service. Not only are the members serving on the campus, but they are active in community and national affairs. The purpose of Gamma Sigma Sigma is to assemble college and university women in the spirit of service to humanity, and serves to develop friendship among women of all races and creeds, through working side by side through the fulfillment of the goals common to all.

The International Relations Club meets monthly to discuss current topics of international affairs. Foreign students and teachers on the faculty from other countries are frequent speakers, as well as guests from off-campus. The club plans the annual United Nations Day Program in October. The Department of History and Political Science sponsors the club and majors and minors in the department are urged to participate. Any student on campus may join.

The Wesley Club seeks to deepen, enrich and nurture the Christian faith of college men and women. It attempts to lead members of the college community to accept Christ as their personal Savior; lead them to participate in the fellowship of Christian life on the campus; and, help them to achieve the richness of the Christian community. It attempts to develop local campus fellowships which are warm, deeply committed to Christ, and in which student and faculty can mutually strengthen one another in Christian thinking and living.

FRATERNITIES AND SORORITIES

Beta Zeta Chapter of the Alpha Kappa Alpha Sorority was set up on the Kentucky State campus February 25, 1933. The purpose of the sorority is to cultivate and encourage high ethical and scholastic standards among college women, and to foster unity and friendship between college women and students and the alumnae.

The Beta Mu Chapter of Alpha Phi Alpha Fraternity was set up on the Kentucky State campus April 28, 1933. This is a national organization, whose aims are for the promotion of the highest type of scholarship and manly deeds.

The Alpha Pi Chapter of the Delta Sigma Theta Sorority was organized at Kentucky State April 30, 1934. This sorority aims to establish and maintain high standards of scholarship, morals and refinement among college women of a given calibre.

Psi Psi Chapter of the Omega Psi Phi Fraternity was set up at Kentucky State November 9, 1934. It aims to promote a feeling of brotherhood and cooperation among college men.

The Alpha Upsilon Chapter of the Kappa Alpha Psi Fraternity was organized at Kentucky State March 1, 1935. This fraternity aims at the highest achievement in scholarship, manly development of its members, and the general improvement of college life.

Lambda Chapter of Sigma Gamma Rho Sorority Inc. was founded November 12, 1922 at Indianapolis, Indiana. The purpose of the sorority is expressed in its slogan "Greater Service, Greater Progress." Lambda Chapter was chartered on the Kentucky State campus in 1948 and reactivated on campus, February 1969.

Pan Hellenic Council

The constitution of the Pan Hellenic Council sets forth the aims and purposes of the organization:

"To establish and develop a spirit of cooperation among the various fraternities and sororities on the campus, in order to foster a constructive

program that will stimulate and guide each individual of the Greek letter organization to follow the principles of fraternalism; and in order that the best interest of the college may be served."

Student Government Association

Beginning with the academic year 1935-36, a Student Council became operative. The aims and purposes of the Student Government Association as stated in its constitution are:

"To develop a spirit of cooperation on the campus, to encourage student initiative, to afford development through self-control and leadership, to create an intermediary between faculty and students in matters of general welfare, and to unite in forming an association of the student body."

Dramatics

The Kentucky State Theatre gives an opportunity for students with a talent for dramatics to participate in the production of several plays each year. These participants are known as the "Kentucky Players."

Forensics

Debate teams, for both men and women, are organized to allow students to participate in intercollegiate forensics. Inter-class debates are held annually, and debating teams are selected from these participants. Such teams participate in a number of intercollegiate debates held during the year. Students who demonstrate to the satisfaction of the coach of debate and members of the Edmund Burke Debating Society a competence in forensics are admitted to membership in this organization.

Publications

The Kentucky Thorobred is a student publication issued under the general supervision of a faculty member. It is prepared for publication by interested students.

The student yearbook, with pictures covering college and student activities, is issued and distributed each year by a staff of students under the supervision of a faculty advisor.

The College Movie

Movies are shown on campus from one to two times per week. The presentations include the best movies of past and present years as a regular part of the program.

Cultural Activities

A number of lectures, recitals, concerts, socials, assemblies, etc., are scheduled so that students may develop an appreciation of the arts and other aspects of our cultural heritage.

GUIDANCE AND COUNSELING

Guidance and Counseling functions are coordinated through the Counseling Center. The Counseling Center offers methods for diagnosing the abilities,

interests, background and needs of the individual student; it offers methods of relating such findings to the individual's life adjustment, and methods of selecting from available curricula that individual curriculum most suited for the student. Professional counselors together with faculty advisors assist the students in their academic, personal, social and vocational development. Students with counseling needs of a complex and involved nature will find the services of the Kentucky State Psychiatrist available.

HEALTH SERVICES

One common denominator which all students have is health. Kentucky State makes every effort to insure that the physical and mental health of students is maintained. A physical examination and a medical history are required of all students. Physicians are available for the treatment of minor ailments and dental services are available by appointment. School nurses are available at all times for consultation and diagnosis. Good mental health is promoted by individual counseling and the staff psychiatrist. Hospitalization insurance is provided for all full time students.

Health education is a vital part of the health program. Emphasis is on preventive as well as corrective measures. Periodic lectures and seminars are conducted by the health center personnel on topics that are relevant to the promotion of good health.

LIBRARY

Paul G. Blazer Library is the heart of Kentucky State, providing an atmosphere suitable for study and encouraging recreational, informational and inspirational reading materials for students, faculty, staff, and citizens of the community.

The Library building was dedicated in March, 1960. Record listening booths, a classroom, a staff lounge, and other facilities are available. The Library has a collection of 100,000 well-chosen volumes. It also houses a disc record collection, more than 300 tapes, filmstrips, microfilm of a number of volumes of periodicals, state and Federal government documents, a circulating collection of more than 100 art reproductions, a collection of educational movies, and approximately 1,000 periodical subscriptions.

To support the teacher training program, Kentucky State is strengthening its collection of curriculum materials. They include many of the state adopted school textbooks, a filmstrip collection, courses of study, and other materials for units of work in the form of charts, pictures, pamphlets, brochures, etc.

CAREER PLANNING AND PLACEMENT SERVICES

The Office of Career Planning and Placement Services has as its primary mission the providing of supplementary education for Kentucky State students with reference to careers in the world of work.

It provides vital services to students and alumni in vocational counseling and guidance through general occupational information, through employer information, and through the processing and maintenance of individual placement credentials.

Further services are provided by the dissemination of career-related information through group orientations and through private conferences to guide and to assist students in making meaningful vocational choices from among the many opportunities that attract them today. It is also the task of the career planning counselors to prepare students for interviews and other contacts with prospective employers by acquainting them with ethics relating to placement and with their responsibilities as recipients of the services of this office.

Career Planning and Placement personnel are hosts to representatives from business, industry, government, education, and social service agencies to provide students with opportunities for personal contacts with these representatives through private interviews as well as through formal and informal assemblies.

Further, it is the function of this office to keep the Administration, Faculty and Staff informed as to employment trends, standards, and requirements, particularly as they would interest or affect the specific office or department concerned.

RELIGIOUS LIFE

Religious opportunities at Kentucky State are afforded to students through active participation in religious programs and organizations on campus and in community programs offered by churches located in the surrounding area.

Students have an opportunity to attend and take part in worship services held on the first, second, and third Sundays in each month. In addition to this, on each Wednesday evening a Mid-Week Religious Service is held. Both the worship and mid-week service are open to all. In the community there are churches of almost all faiths. Students participation in all religious activities is purely voluntary.

ASSEMBLY

Assembly attendance is required of all Freshmen. Assembly is held on Tuesdays at 10 A.M.

ALUMNI ASSOCIATION

The Kentucky State Alumni Association's purposes are to promote the highest interest of Kentucky State and its alumni; to keep in close touch and harmonious cooperation with the chapters; and to perpetuate the highest traditions and ideals of Kentucky State.

STUDENT AUTOMOBILES

Students registered as freshmen and sophomores, regardless of the number of years they have attended college, are forbidden to possess and/or operate motor vehicles. Students on academic or disciplinary probation, regardless of their classification, are forbidden to possess and/or operate motor vehicles at the institution. Exceptions to these regulations will be granted only with special permission of the Dean of Students in order to avoid hardship based on physical handicap, in order to commute to classes, use of the car for essential work and other proven need.

No student may operate a motor vehicle at the institution until he has registered it. Request for a permit must be made not later than the last day of registration. If the student is under 21 years of age, the application must be accompanied by the written consent of his parent or guardian, regardless of the ownership of the vehicle.

A student desiring to register a motor vehicle must present a valid operator's license, and must show that when he is driving the vehicle he is insured against public liability and property damage in an amount not less than the minimum amount recommended by the Department of Insurance of the Commonwealth of Kentucky.

STUDENT HOUSING

MEN'S RESIDENCE HALLS

ATWOOD HALL, a residence hall for men, accommodating 140 men, is completely furnished, well-lighted, heated by steam, equipped with shower baths and is comfortable at all seasons of the year.

McCULLIN HALL accommodates 132 men. Each bedroom has built-in closets and shelves and will accommodate two students. All rooms are radiant heated and adequately lighted.

YOUNG HALL has facilities for 324 students. This recently-completed structure has every modern convenience.

WOMEN'S RESIDENCE HALLS

CHANDLER HALL, a residence hall for women students, contains 46 rooms and accommodates 92 women students. All rooms are steam-heated and well ventilated and lighted.

COMBS HALL comfortably houses 108 students on its four floors. It is a modern structure that is centrally heated.

HUNTER HALL, the newest and most modern residence hall of women, accommodates 102 students. An adequately furnished basement makes it possible to prepare snacks and take care of beauty needs.

KENTUCKY HALL accommodates 107 students; 41 rooms are two-student rooms; 7 rooms are three-student rooms; 4 are one-student rooms. All rooms are steam heated and are comfortable all the year.



RESIDENTIAL REQUIREMENTS

Young women are expected to room on the campus when attendance does not exceed the capacity of the residence hall unless for special reasons they are granted permission by the Dean of Students to room elsewhere.

All single students under 21 years of age not living with parents or guardians are required to live in student residence halls.

ADVANCE ASSIGNMENT OF ROOMS

Applications for rooms in the residence halls are receivable at any time. Such application should be made as soon as practicable, as reservations will be made in the order in which applications are received, but no reservations will be made unless there is an advanced payment of \$10.00. The advance payment is credited to the student's account at the time of registration and will not be refunded except in the case where a student is officially denied admission by the Office of the Registrar. Requests for room reservations should be addressed to the appropriate personnel dean (Dean of Men or Dean of Women).

The total board expense for the two-semester school year is \$400.00 and the total rent expenses is \$248.00 or \$266.00 or \$301.00 depending on the residence hall.

RENT CHARGES FOR RESIDENCE HALLS

Atwood Hall -----	\$248.00
Chandler Hall -----	248.00
Kentucky Hall -----	248.00
McCullin Hall -----	248.00
Combs Hall -----	266.00
Hunter Hall -----	266.00
Young Hall -----	301.00

One-half of both expense items is to be paid during each of the two semesters. All fees and expenses are payable in accordance with the payment schedule as outlined in another section of the catalogue.

Care of Rooms

Students are expected to care for their rooms and to keep them clean and orderly. Kentucky State attempts to make it possible for students to live in a refined atmosphere and under good living conditions; therefore, it expects those who occupy rooms in the dormitories to keep them in good condition. Students will be charged for school property destroyed.

Articles To Be Furnished By Students

Whether rooming on the campus or in private homes, students are required to furnish bed spreads, comforts or blankets, soap and runners for desk and dresser.

Bed Linens And Towels

Bed linens and towels will be furnished each week. For this service, each student is required to pay a nominal fee each semester.

FEES AND EXPENSES

In determining fees and expenses for Kentucky State, the administration has set forth the lowest possible costs necessary to render satisfactory service. Due consideration is given to the students' ability to pay.

DEFINITION OF A KENTUCKY RESIDENT STUDENT

The following policy, adopted by the Council on Public Higher Education, Commonwealth of Kentucky, in accordance with Section 164.020(2) of the Kentucky Revised Statutes, is applied to determine a student's eligibility for fees assessed Kentucky residents who enroll at any of the state-supported institutions of higher learning in the Commonwealth of Kentucky. This determination is made at the time of initial enrollment and is not changed thereafter except as provided below.

A student under twenty-one years of age is eligible to register as a resident of Kentucky if his parent or legal guardian has maintained continuous residence in the Commonwealth for twelve months immediately preceding his original enrollment. No person shall be considered to have gained residence in the Commonwealth while a student unless or until his parent or legal guardian moves into the Commonwealth and acquires residence. If a student is registered as a resident of the Commonwealth and his parent or legal guardian thereafter moves out of the Commonwealth, the student will become a non-resident at the beginning of his next enrollment. If the parents have different domiciles, the domicile of the parent who has legal custody of the student's person shall be considered the domicile of the student.

A student twenty-one years of age or older is eligible to register as a resident if he has maintained continuous residence in the Commonwealth for twelve months immediately preceding the date of his original enrollment, exclusive of any time spent in attendance at any institution of higher learning. An adult student registered as a non-resident upon his original entrance cannot generally thereafter acquire resident status.

An adult student from out-of-state who seeks residence status must assume the burden of proving conclusively that he has been a resident of the Commonwealth the requisite time with the present intention of making his permanent home in this state. In general, it is assumed that the intent to remain indefinitely in the Commonwealth is evidenced not only by what a person states but what a person has actually done. Normally, persons with intent to establish residence will be expected to have done all those things which a person customarily does when establishing a permanent residence, some of which are: obtaining full-time employment, establishing a home, buying property, filing tax returns, transferring or establishing church membership, affiliating with local organizations, and the various other things which give evidence of intent to remain indefinitely within the Commonwealth.

Each Board of Trustees or Board of Regents is authorized to establish a Non-Resident Fees Committee to consider changes in resident status based on the above criteria. Application for change of residence classification should be made to the person who has been designated by the Board of Trustees or Regents as the Chairman of the Non-Resident Fees Committee. The Chairman will present each case to the Committee for a decision.

This policy shall be applicable with exceptions allowable for possible conflicts with state and federal laws relating to residency such as the Federal Soldiers and Sailors Relief Act.

REGISTRATION FEES

Each full-time resident student pays a registration fee of \$150.00 per semester for the 1972-73 school year, and \$180.00 per semester for the 1973-74 school year. Each full-time non-resident student pays a registration fee of \$408.00 per semester for the 1972-73 school year, and \$445.00 per semester for the 1973-74 school year. Payment of registration fees entitles the student to receive library service, attend lectures and concerts, receive the college newspaper, and attend local inter-collegiate athletic contests. These fees are payable at the time of registration.

SPECIAL FEES

Each full-time student pays a special fee of \$75.00 per year. This fee entitles students to receive the annual yearbook, a reasonable amount of health and dental service, and membership into the Student Union Association. This fee is payable at the time of registration.

OTHER FEES

Part-time Students—Kentucky residents taking a part-time load (less than 12 semester hours) are charged \$11.00 per credit hour. Non-residents are charged \$32.00 per credit hour.

Evening School Students—Students enrolling in evening school classes are charged a fee of \$11.00 per semester hour. Non-credit courses are charged the same. (Non-resident \$32.00 per semester hour).

Late Registration Fee—A fee of \$5.00 is assessed every student presenting himself to begin any part of his registration after the day provided for that purpose. An additional \$1.00 per day is assessed for each successive day thereafter, not to exceed a total of \$10.00.

Special Examination Fee—A student who misses a semester examination is required to pay a fee of \$.75 per credit hour for each examination missed, payable before it is given to him.

Late Medical Examination—Students who do not undergo a medical examination at the time scheduled must make special provisions under the supervision of the Kentucky State physician.

Applied Music—Students enrolling in Applied Music courses are charged the following semester fees:

Organ:	
One-half hour lesson per week	\$18.00
One hour lesson per week	27.75
Piano and Voice:	
One-half hour lesson per week	13.50
One hour lesson per week	18.50
Other instruments and class instruction in piano and voice	7.50

Graduation Fee—A graduation fee of \$15.50 is charged each student who makes application for degree. The fee covers cost of rental of caps and gowns, and the cost of the diploma. All prospective graduates must pay this fee before March 15.

Summer Session Fees—The fees and expenses to attend the summer session are approximately one-fourth of the total cost necessary during the regular school year. Specific fees and expenses are listed in the summer session bulletin.

BOARD AND RENT

All students occupying rooms on the campus are expected to take their meals in the cafeteria unless excused by the Dean of Students. No cooking or storage of food is permitted in the dormitory rooms. Any student violating this rule may be asked to move from the dormitory.

In order for a student to reserve a room, an advance application and room reservation fee of \$10.00 must be made. The advance payment is credited to the student's account at the time of registration.

BOOKS AND SUPPLIES

Books and supplies for one semester average \$60.00 to \$75.00. Students enrolling in classes in the Department of Health and Physical Education should estimate an additional \$20.00 for supplies.

GENERAL EXPENSES FOR THE SCHOOL YEAR

<i>Undergraduate Resident Students (In-State Students)</i>		
	1972-73	1973-74
Registration Fee	\$300.00	\$360.00
Special Fees	75.00	75.00
Board	400.00	400.00
Rent*	248.00	248.00
Insurance	20.00	20.00
TOTAL	\$1,043.00	\$1,103.00
<i>Undergraduate Non-Resident Students (Out-of-State Students)</i>		
Registration Fee	\$816.00	\$890.00
Special Fees	75.00	75.00
Board	400.00	400.00
Rent*	248.00	248.00
Insurance	20.00	20.00
TOTAL	\$1,559.00	\$1,633.00

*Students housed in Hunter and Combs Halls will be charged an additional \$18.00 for the school year. Students in Young Hall will be charged \$53.00.

PAYMENT SCHEDULE OF GENERAL UNIVERSITY
EXPENSES
1972-73 SCHOOL YEAR

	First 8-21-72	Second 10-18-72	Third 1-8-73	Fourth 3-7-73	Total for the Year
Kentucky Students					
Boarding* -----	\$367.75	\$161.25	\$352.75	\$161.25	\$1,043.00
Kentucky Students					
Non-Boarding -----	205.00	-----	190.00	-----	395.00
Out-of-State					
Students Boarding* -----	625.75	161.25	610.75	161.25	1,559.00
Out-of-State					
Students					
Non-Boarding -----	463.00	-----	448.00	-----	911.00

*Students housed in Hunter and Combs Halls will be charged an additional \$18.00 for the school year. Students in Young Hall will be charged \$53.00. On each of the payment dates, one-fourth of the additional charge is to be made. All payments should be made payable to Kentucky State University.

PAYMENT SCHEDULE OF GENERAL UNIVERSITY
EXPENSES
1973-74 SCHOOL YEAR

	First 8-20-73	Second 10-17-73	Third 1-7-74	Fourth 3-6-74	Total for the year
Kentucky-Students					
Boarding* -----	\$397.75	\$161.25	\$382.75	\$161.25	\$1,003.00
Kentucky Students					
Non-Boarding -----	235.00	-----	220.00	-----	455.00
Out-of-State					
Students Boarding* -----	662.75	161.25	647.75	161.25	1,633.00
Out-of-State					
Students					
Non-Boarding -----	500.00	-----	485.00	-----	985.00

*Students housed in Hunter and Combs Halls will be charged an additional \$18.00 for the school year. Students in Young Hall will be charged \$53.00. On each of the payment dates, one-fourth of the additional charge is to be made. All payments should be made payable to Kentucky State University.

All accounts are payable as scheduled and must be paid accordingly or in advance. If an account becomes delinquent, the student may be dropped from classes or requested to withdraw from the institution. No student is permitted to register from one semester to another until all prior accounts are settled in full. No diploma, certificate or transcript is granted a student until all bills with Kentucky State are paid in full. Payments should be made payable to KENTUCKY STATE UNIVERSITY in the form of money orders, or certified checks. Address all payments to: Business Office, Kentucky State University, Frankfort, Kentucky 40601. Personal checks cannot be accepted by Kentucky State.

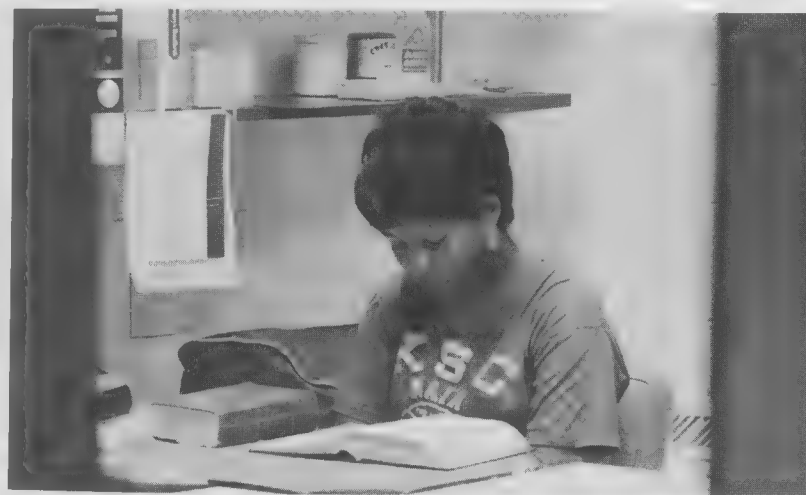
REFUNDS, DEDUCTIONS, AND WITHDRAWALS

General Fees:

1. When a student withdraws within one week of the official date of registration as specified in the catalogue, 75% of the fees are refunded.
2. When a student withdraws within two weeks of the official date of registration as specified in the catalogue, 50% of the fees are refunded.
3. When a student withdraws within three weeks of the official date of registration as specified in the catalogue, 25% of the fees are refunded.
4. After three weeks from the first official date of registration, no refund of fees can be made.
5. No refund is given on charges made for lessons in Applied Music unless the student withdraws officially from Kentucky State. Such refunds are made only on a monthly basis.

Board and Rent:

1. Refund or credit on board will be made on the basis of a weekly unit.
2. Refund or credit on rent will be made on the basis of a monthly unit.





The Entering Student

ADMISSION TO THE UNIVERSITY

ADMISSION REQUIREMENTS—FRESHMEN

1. Residents of Kentucky who are graduates of high schools accredited by the State Department of Education or by the Southern Association of Colleges and Schools are admitted to the freshman class on certificate, providing they have seventeen units of high school work acceptable to Kentucky State.

2. Non-Resident applicants are admitted to the freshman class if they are graduates of high schools accredited by recognized state and regional accrediting associations, and if they meet the following criteria:

- a. Possess a C average on all high school work.
- b. Rank in the upper half of their graduating class.
- c. Have an ACT composite standard score of at least 13.

Applicants who fall below the cut-off point on one of the measures (test scores, class rank, GPA) may receive special consideration on the basis of their high rank and/or standing on the other two measures.

3. It is recommended that applicants for admission have a minimum of three units in English and two units in mathematics. Students who do not meet these requirements are expected to take courses designed to eliminate these deficiencies. While no definite pattern is required of the remaining twelve units, applicants will be required to present satisfactory evidence of adequate preparation for the course of study they wish to pursue at Kentucky State. Units in the social studies, foreign languages and laboratory sciences are highly desirable as preparation for study at Kentucky State.

4. An applicant who has completed at least six semesters of study in high school may apply for admittance. Conditional acceptance may be granted on the basis of the high school record through this period. Upon receipt of the complete transcript after graduation, a letter of regular acceptance and a permit-to-register will be sent to the applicant.

5. All non-resident applicants must submit ACT test scores before they can be granted acceptance for admission.

6. All resident applicants accepted for the freshman class must submit scores on the ACT Test. If the test has not been taken, it must be taken while in residence at Kentucky State.

TRANSFER STUDENTS

1. Students who have attended other colleges are admitted to Kentucky State upon acceptance of their credentials from other colleges. Credit will be transferred when earned with a grade of "C" or higher and when earned in courses corresponding to those offered at Kentucky State. In case of questionable credit, acceptance of credits will be deferred at the time of admission. After one or more years of satisfactory work at Kentucky State, credits earned elsewhere will be placed on the student's record. An applicant who is on probation, suspended, or expelled from another institution is not eligible for admission, unless he can qualify for re-admittance at the institution from which he wishes to transfer.

2. An applicant seeking advanced standing must submit prior to the date of intended registration an official transcript showing credits and grades obtained in courses and an official statement of entitlement to honorable dismissal from each college that has been attended. Transcripts and statements of honorable conduct from all colleges attended must be submitted directly to the Office of the Registrar and Admissions by the college.

A maximum of 67 semester hours of credit may be accepted from accredited junior colleges. No credit can be accepted from a junior college after 67 hours have been earned in junior and/or senior colleges. The student is responsible for having all credentials forwarded to Kentucky State. Failure to submit complete information on applications may result in cancellation of acceptance.

3. Transfer students who plan to attend as regular full-time students are expected to be in attendance during Freshman Orientation Week. They will take an intelligence test along with freshmen.

OTHER STUDENTS

1. Persons 21 years old and older who are residents of Kentucky may be admitted as special adult students upon the approval of the Committee on Admissions. Such persons may be admitted as regular students upon completion of prescribed tests.

2. Persons who have received High School Equivalency Certificates as a result of taking the G.E.D. test are eligible for admission as regular students.

3. Students who do not plan to become applicants for a degree or certificate may enroll as *special* students. Such students must meet the regular entrance requirements if at some later time they decide to work toward a degree. Credits earned prior to meeting regular entrance requirements may not be applied toward a degree.

4. Students who have not been in attendance for a semester or more should write to the Dean of Admissions and Registrar and secure a permit to re-register.

EARLY ADMISSION PROGRAM (HIGH SCHOOL STUDENTS WHO HAVE NOT GRADUATED)

Many students attending high school are endowed with superior intelligence and academic industriousness. These qualities result in their making exceptional academic progress in high school. Such students, it has been proven, can be admitted to college prior to graduation from high school and do well. There are students in the local area who have the ability and the desire to follow such a course at Kentucky State. An Early Admissions Program should be of benefit to such students and Kentucky State.

REQUIREMENTS FOR ADMISSION TO THE PROGRAM

1. Prospective high school applicants must be two or fewer units away from meeting requirements for graduation from high school.
2. Applicants must have followed a college preparatory curriculum.
3. Applicants must rank in upper 10% of the class and have an overall grade point average of 3.0 or above on a 4.0 scale.
4. Applicants must have an ACT Composite Score of 19 or more.
5. Applicants must be recommended by the principal (or counselor) and the chairmen of their major subject departments.
6. Each applicant must be interviewed by a representative (or representatives) of the Admissions Committee of Kentucky State.
7. Applicants who are accepted for admission may enroll for a maximum of nine semester hours of courses selected from the general education requirements. (Six hours in summer.)
8. Applicants must also be concurrently in high school (except during the summer).

ADMISSION PROCEDURE

1. Students planning to enter Kentucky State should write to the Dean of Admissions and Registrar and request an "Application for Admission blank." Upon receipt of this letter, an application blank, a medical record blank, and a catalogue will be sent.

2. Parts one and two of the application blank should be completed by the applicant. All questions are to be answered. The student should have the principal of the high school from which he or she graduates complete parts three and four of the application blank. The principal should then mail the completed blank to the Office of the Dean of Admissions and Registrar, Kentucky State University. The student should ask the principal to send a transcript of his record at the same time that the principal is asked to complete the application blank.

3. All freshman and transfer students seeking admission should have the medical record blank completed by a medical doctor who has given the applicant a physical examination. The medical record blank is to be completed and signed by the applicant's physician and returned to the Office of the Dean of Admissions and Registrar before the student is admitted.

4. All prospective freshmen are expected to submit scores made on the American College Testing Program. Information concerning this test is available from high school counselors or ACT, Iowa City, Iowa.

5. When all credentials have been received by the Dean of Admissions and Registrar, each applicant who is accepted as a student is mailed a letter of acceptance and a permit-to-register.

SUGGESTED ENTRANCE UNITS

At least ten of the units presented for admission should be chosen from English, mathematics, the social studies, the foreign languages, and the laboratory sciences. Of these, at least three units in English and two in mathematics are recommended.

GROUP A

English -----	4	Mathematics:	
Foreign Languages:		Advanced Arithmetic -----	1/2-1
French -----	1-3	Advanced Algebra -----	1
German -----	1-3	Solid Geometry -----	1/2
Greek -----	1-3	Trigonometry -----	1/2
Latin -----	1-4	Sciences:	
Spanish -----	1-3	Biology -----	1/2-1
History and Civics		Botany -----	1/2-1
History -----	1-4	Chemistry -----	1/2-1
Civics -----	1/2-1	General Science -----	1/2-1
Political Economy -----	1/2	Physics -----	1/2-1
Education (Including		Geology -----	1/2-1
Psychology) -----	1/2-1	Physical Geography -----	1/2-1
Teaching -----	1	Physiology and Hygiene -----	1/2-1
		Sociology -----	1/2
		Zoology -----	1/2-1

GROUP B

Agriculture -----	1/2-4	Home Economics† -----	1/2-4
Bookkeeping -----	1/2-1	Music -----	1/2-1
Commercial Law -----	1/2	Shop Work -----	1/2-2
Commercial Geography -----	1/2	Shorthand -----	1/2-1
Drawing—Freehand -----	1/2-2	Surveying -----	1/2
Drawing—Mechanical -----	1/2-2	Salesmanship -----	1/2

†Not more than one unit may be offered for any subject in Agriculture and Home Economics.

The minimum amount of credit allowed in any subject will be one-half unit.

HEALTH EXAMINATIONS

All freshmen and transfer students must file certificates with the Dean of Admissions and Registrar showing that the required physical examination has been taken before registration is allowed. Proper forms will be furnished by Kentucky State together with other necessary admission materials. These must be executed and signed by the applicant's physician and returned to the Registrar's Office before the student is admitted.

A student absent from the institution for a period of one year or more must also submit a medical certificate from his physician before re-entering Kentucky State.

Tuberculosis tests will be administered at the institution each year. If these tests show a positive reading, a fee is charged for the X-ray which is required in such cases.

REGISTRATION

All students should check with their advisors prior to time of registration in order to have programs of study and courses approved.

Students are expected to register at the appointed time. Late registrants will pay a late registration fee as per the following schedule:

First Day -----	\$ 5.00
Second Day -----	6.00
Third Day -----	7.00
Fourth Day -----	8.00
Fifth Day -----	9.00
Sixth Day and up -----	10.00

Students may not register for credit after the deadline set for completion of registration.





The Academic Life

SEMESTER HOUR

A semester hour represents one clock hour of recitation or lecture or two clock hours of laboratory a week for one semester; drawing, shop work, physical education, and other courses requiring no outside work are reckoned at two clock hours for one semester hour.

STUDENT LOAD

The normal semester load for all students is 16 semester hours. The minimum load to be classed as a full-time student is 12 semester hours. Students, however, may pursue from 16½ to 20 hours under the following conditions:

1. If the hours are required in the curriculum.
2. If the previous semester average is 3.0 or above.
3. If the students are graduating seniors.

The maximum number of semester hours that can be pursued during the summer term is nine. Where a four-semester hour course is involved, the Vice President for Academic Affairs may give special permission for a student to pursue ten hours.

In no case will students be allowed to pursue more than ten semester hours during the summer term.

A maximum of 21 credit hours may be pursued by students demonstrating outstanding scholastic ability (overall average of 3.20 or better). An exception to this rule may be acted upon for the second semester of the senior year by the Vice President for Academic Affairs upon the recommendation of the Chairman of the Department. Under no condition will a student be permitted to pursue more than 21 hours during a semester.

A mark of "T" will be assigned only when the student, due to unavoidable conditions, has been unable to complete course requirements on time.

An incomplete or "I" earned in any particular semester must be removed during the next semester the course is offered, otherwise the course will be recorded by the Registrar as "F."

A mark of "W" shall be granted a student provided that student formally withdraws from a course before the close of the first three weeks of any semester.

A mark of "WP" shall be granted that student who has remained in a course for a period longer than the first three weeks of any semester, provided that student is passing in such course at the time of formal withdrawal from the course.

A mark of "WF" shall be granted that student who has remained in a course for a period longer than the first three weeks of any semester, provided

that student is failing in such course at the time of formal withdrawal from the course.

The several marks yield quality points as follows:

A—Four quality points per credit hour

B—Three quality points per credit hour

C—Two quality points per credit hour

D—One quality point per credit hour

F—No quality points, no credit

W, WF, WP—No quality points, no credit.

Courses in which a student has made a mark of "A," "B," "C," or "D," may be counted towards a degree with two exceptions: (1) Major and minor courses and (2) Freshman English (English 101 and English 102). A student must repeat any "major course" in which he earns a mark of less than "C", and when he has accumulated marks of "D" covering more than 16 semester hours, he shall immediately repeat one or more of the courses in which such marks were earned. Such repetition is kept up until marks higher than "D" are earned in the repeated courses. If the mark earned is higher than "D" it is substituted for the original mark made in the course on all transcripts sent out by the institution. This substitution is indicated on the transcript by a suitable device. No student is allowed to graduate if his record shows more than the allowed number of D's after the substitution has been made. The usual regulation as to fees, amount of work, and probation shall apply to these repeated courses.

At his first opportunity, a student must repeat in class a required course in which he has received a mark of "F," "W," or "WF", unless the Vice President for Academic Affairs authorizes a substitute course.

Unauthorized withdrawal is marked "WF."

CLASS ATTENDANCE POLICIES AND REGULATIONS (REVISED 1970-71)

DEFINITION OF TERMS

1. A "limited cut" means that a maximum number of excused and unexcused cuts is allowed.
2. "Unlimited cuts" means that there is no established number of excused and unexcused cuts allowed.
3. "Patriotic duty" means participation by a student as a representative of Kentucky State in an extra-curricular or co-curricular activity.
4. "Excused cuts" are those cuts approved by the Dean of Students.

GENERAL STATEMENTS OF POLICY AND REGULATIONS

Policies:

1. A "limited cut" system will be in effect for all students (Freshmen, Sophomores, Juniors, and Seniors) enrolled in 100 and 200 level courses.
2. An "unlimited cut" system will be in effect for all students (Freshmen, Sophomores, Juniors, and Seniors) enrolled in 300 and 400 level courses.

Regulations:

1. Any class absences incurred while students are rendering "patriotic duty" are to be excluded from the provisions of the policies above.
2. Faculty members will be informed by the Dean of Students when students are absent from classes because of "patriotic duty".

SPECIFIC INTERPRETATIONS OF POLICIES AND REGULATIONS

1. For four hour courses, four unexcused cuts are allowed. Unexcused and excused cuts should not exceed twelve.
2. For three hour courses, three unexcused cuts are allowed. Unexcused and excused cuts should not exceed nine.

CLASSIFICATION OF STUDENTS

Students shall be classified as indicated below upon the completion of the respective number of hours provided that all entrance requirements have been met.

Freshman	0-29 semester hours
Sophomore	30-59 semester hours
Junior	60-89 semester hours
Senior	90 semester hours and above

PROBATION AND DISMISSAL FOR LOW SCHOLARSHIP

The academic standing of a student is the ratio of his total number of quality points to his total hours pursued. In order to remain in good academic standing, a student carrying a minimum of twelve semester hours must maintain the following cumulative grade point average in accordance with the number of semester of attendance:

End of 2 semesters:	1.60
End of 4 semesters:	1.70
End of 6 semesters:	1.90
End of 8 semesters:	2.00

- A student will be placed on probation if at the end of any semester his semester average falls below the minimum cumulative grade point average stated above except for students whose cumulative average is equal to or higher than that required. (For example, a first semester student who made a 1.58 for that semester or a third semester student who made 1.68, would be placed on probation.)
- Students who do not meet the minimum requirements listed above will be dismissed for one semester. Upon petition, the cases of dismissed students will be reviewed by the Academic Review Committee.

- C. Students who are readmitted after being dismissed for low scholarship will have two semesters to meet their minimum cumulative grade point average or incur a final dismissal. (For example, a first year student dismissed at the end of his second semester in college would have two semesters in which to bring his cumulative grade point average up to the required 1.70.) If he does not meet this requirement, his record may be reviewed by the Academic Review Committee.
- D. Upon petition *by letter*, the cases of students falling in the following categories will be reviewed:
1. Freshmen with current semester averages of at least 1.0 and overall averages of at least 1.30.
 2. Sophomores with current semester averages of at least 1.40 and overall averages of at least 1.60.
 3. Juniors with current semester averages of at least 1.60 and overall averages of at least 1.80.
 4. Seniors with current semester averages of at least 1.70 and overall averages of at least 1.90.
 5. Consideration will be given to cases of students falling in the categories listed above with special problems that could have affected scholastic progress—family, finances, illness.
 6. Consideration will be given to student progress in basic courses—English 101, History 101, Biology 101, etc.
 7. Appeals should be made *in writing* within one week after receipt of dismissal notice.
 8. A student may appeal to the Academic Review Committee only *once* following each dismissal.
- E. No student is permitted to transfer credit earned during the semester of dismissal for poor scholarship.
- F. Any student renders himself liable to suspension for breach of discipline who, while on academic probation, engages (as a representative of the University) in any public exhibition, contest, inter-collegiate game or other organized college activity or who fails to conform to any rule governing students on academic probation. However, an exception to this rule is made for a student who is enrolled in a particular course for credit and is required to engage in public exhibition in connection with that course. For example, this rule does not apply to a student required to participate publicly in such activities as music performances, speech and dramatic functions, if public participation is required in connection with the course, which is taken for credit and does not require the student to be absent from any of his classes.

REGULATIONS FOR TERMS OF STUDY LESS THAN A YEAR

When a student of any classification pursues 12 or more semester hours of work during different terms within the regular year, the regulations regarding scholarship standards will be applied.

WITHDRAWAL FROM THE INSTITUTION

Students who find it necessary to withdraw from the institution must secure permission from the Dean of Students to withdraw officially.

Students failing in courses at the time of official withdrawal (unless such withdrawal is within the first three weeks of the semester) shall receive WF in such courses. (Same as F.)

Students who withdraw unofficially are subject to the following penalties:

- a. Probationary status first semester of attendance following unofficial withdrawal.
- b. Dismissal for one semester if on probation at time of withdrawal.
- c. Payment of a \$5.00 fee at next registration.

CHANGING COURSES

All changes of registration (either by adding or dropping a course or changing hours and divisions) must be made through the Registrar's Office. Students are required to follow the program as outlined on their registration cards. Any student who takes a course irregularly will not receive credit for it. A student cannot sign for a new course after the last day of the late registration period. The penalty for changing or dropping a course without the approval of the Registrar is failure in the course.

A fifty cents processing fee is charged for adding a course to one's schedule.

WITHDRAWAL FROM CLASSES

Students are not permitted to withdraw from classes during the last four weeks of the semester.

RESIDENCE REQUIREMENTS

To obtain the Bachelor's degree, the student must have registered in Kentucky State as a resident student during his senior year and have gained the last 32 semester hours in the institution. At least one-half the credits of a major must be gained in this institution. The student is to check with his departmental advisor during the first semester of his senior year to make certain that he is meeting all requirements for graduation.

DEGREES

Kentucky State offers instruction leading to the following degrees:

BACHELOR OF ARTS WITH MAJORS IN

Applied Music
Elementary Education
English
French
History
Music Theory
Political Science
Sociology
Social Sciences
Spanish

BACHELOR OF SCIENCE WITH MAJORS IN

Biology
Business Administration and Economics
Business Education
Chemistry
Health and Physical Education
Home Economics Education
Industrial Education
Mathematics
Medical Technology
Music Education
Nutrition Education and Services
Office Administration
Political Science

ASSOCIATE IN APPLIED ARTS OR SCIENCE WITH MAJORS IN

Accounting Technology
Architectural Drafting Technology
Civil Drafting Technology
Computer Science
Electronics Technology
General Education
Library Technology
Metal Technology
Nursing
Office Administration

Minors are available in Art, Afro-American Studies, and Speech and Theatre Arts.

For any degree the student is required to gain the minimum number of semester hours and quality points as required in his particular curriculum with an average academic standing of 2.0 or "C."

In all cases the student is responsible for the meeting of requirements for graduation as outlined by the departmental advisor.

MAJORS, MINORS, AREAS OF CONCENTRATION

The selection of majors and minors must be made not later than the first semester of the junior year of college studentship and may not be changed later than the beginning of the first semester of the senior year. Courses pursued in any major are subject to the approval of the Chairman of the student's major department and the Vice President for Academic Affairs.

Students are advised to give careful thought and consideration to the problem of selecting major and minor subjects. These subjects should be chosen in accordance with the student's interests, graduate school plans, and the demand for service after graduation. It is necessary to remember that adequate preparation must be made in a subject in order to qualify one to teach the subject in the public schools.

Students may major, minor, or pursue an Area of Concentration from the following subject fields:

Subject Field	†Semester Hours Required		
	# Major	Minor	** Area of Concentration
Art		21	
Afro-American Studies		18	
Biology	30*	18	
Business Administration			48
Business Education			48
Office Administration			48
Chemistry	30*	18	
Elementary Education			4 year curriculum
English	36	24	
Health & Physical Ed.	36	18	48
History	33	24	
Home Economics			Special 4 year curriculum
Industrial Arts			48
Mathematics	30*	18	
Medical Technology			Special 4 year curriculum
Music		18	48
Political Science	33	24	
French	30*	18	
Spanish	30*	18	
Social Sciences			48
Sociology	30*	24	
Speech & Theatre Arts		24	

Note—† Required lower level courses included in these minimum requirements

#Must have a minor of at least 18 semester hours

*24 semester hours if 2 majors are carried

**Does not require a minor

Courses are available whereby high school certificates in Music and Physical Education may be endorsed on a twelve-grade basis.

COURSES OF STUDY

The following numbering system is used.

Freshman Courses	100-193
Sophomore Courses	200-293
Junior Courses	300-393
Senior Courses	400-493

Students who wish to qualify for teaching certificates may major, minor, or pursue an Area of Concentration from the following:

Majors: Biology, Chemistry, History, English, French, Spanish, Mathematics, Music.

Minors: Afro-American Studies, Art, Biology, Chemistry, History, Political Science, English, French, Spanish, Mathematics, Sociology, Music.

Areas of Concentration: Vocational Home Economics, Business Education, Health - Physical Education-Recreation, Music, Social Studies, Industrial Arts, Elementary Education.

To major or minor in a department, a student must have the consent of the Chairman of the Department and the Vice President for Academic Affairs. Majors and minors must be chosen by the beginning of the junior year.

Liberal Arts students should select majors and minors in consultation with their advisors.

Kentucky State offers courses designed to meet the needs of various classes of students:

(1) A four-year course consisting of a minimum of 128 semester hours leading to the Provisional Elementary Certificate.

(2) A four-year college course preparing persons as teachers of high school subjects in the fields of English, French, Social Sciences, Mathematics, Home Economics, Chemistry, Biology, Public School Music, Physical Education, Business Education, and Music Education.

(3) A four-year liberal arts college course.

(4) A four-year course in Industrial Arts.

(5) A four-year course in Business Administration.

(6) A four-year course in Medical Technology.

(7) A two-year course in Nursing.

(8) A two-year course in Computer Science.

Kentucky State reserves the right to withdraw or to close courses for which the registration does not warrant opening or continuing.

HONORS

A *Dean's List* will be published by the Office of the Registrar at the close of each semester. The names of students making an average of 3.2 quality points or more will be placed on the *Academic Honor Roll*. To be eligible for the *Academic Honor Roll*, a student must carry 15 semester hours.

Upon graduation from Kentucky State the following honors will be awarded: *With Distinction* to students whose general quality point average for

four years is 3.2 or above; *With High Distinction* to students whose general quality point average for four years is 3.5 or above and who have received no F's or D's; *With Highest Distinction* to students whose general quality point average is 3.8 or above and who have received no F's or D's. A minimum of two years or 64 semester hours in residence is required. Not less than 50 per cent of the Honor-grade credits must be earned in residence at Kentucky State during a regular term.

DEPARTMENTAL HONORS

The Degree of A. B. or B. S. with Honors in the student's major subject will be conferred upon the student who, in addition to having completed the requirements for the degree, shall have maintained a college average of not less than 3.0 and a departmental average of not less than 3.3. In computing departmental averages all courses taken in a department will be counted. To be considered for departmental honors two years of residence work are required, with at least half of the major courses taken in residence. In addition, the candidate must be approved for such honor by the staff of the department.



REQUIREMENTS FOR GRADUATION

APPLICATION FOR DEGREES

Students who intend to satisfy the requirements for a degree must file formal application with the Registrar on or before the published date in the calendar.

Only students who have met all requirements for graduation on or prior to the last date of regular senior examinations during the spring semester will be considered for graduation during a particular year. Graduation occurs once per year.

GENERAL EDUCATION REQUIREMENTS*

In order to complete requirements for graduation each student must earn at least 128 semester hours. General education courses are to be selected from four areas:

a. Communications and Humanities	18 semester hours
English Composition	6
Literature	3
Fine Arts (music, art, drama)	3
Selected from literature, journalism, speech, foreign language, philosophy	6
b. Mathematics and Natural Science	12 semester hours
General Biology	6
Physical Science	3
Mathematics	3
c. Social Science	12 semester hours
World Civilization	6
Introduction to Social Science	6
d. Health and Physical Education	4 semester hours
Activity	2
Health and Safety Education	2
TOTAL GENERAL EDUCATION	46 semester hours

*Departments may require additional semester hours in any area that they desire. These listings are minimum requirements for certification. The addition of courses in Fine Arts and Mathematics is a requirement of the Southern Association of Colleges and Schools.

GENERAL CURRICULUM FOR THE LOWER TWO YEARS

This curriculum leads to the Bachelor of Arts degree with majors in History and Sociology, and second majors or minors in Music Education and Modern Foreign Languages and Literature. Through judicious selection one may qualify as a teacher in two or more fields, as a social civic leader in his community, or to pursue further professional courses. Each student must secure six semester hours credit in a foreign language.

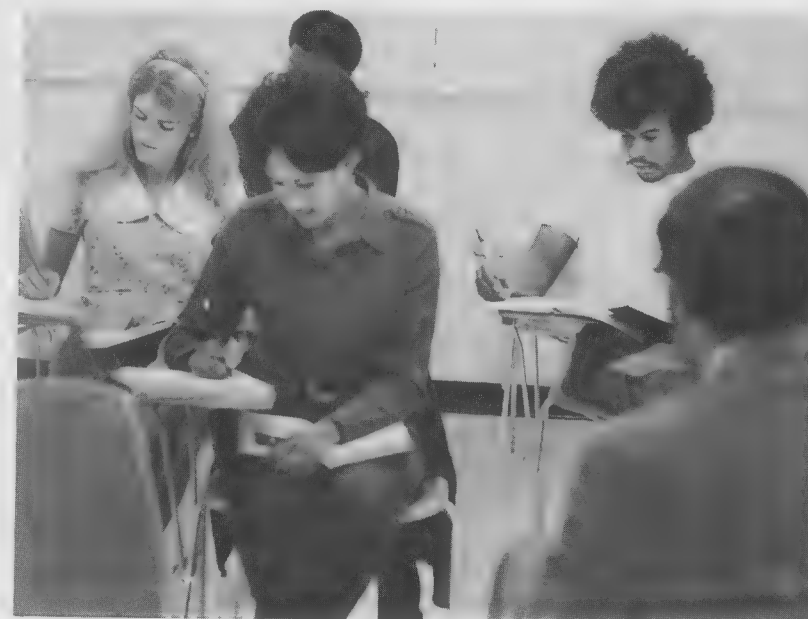
GENERAL CURRICULUM

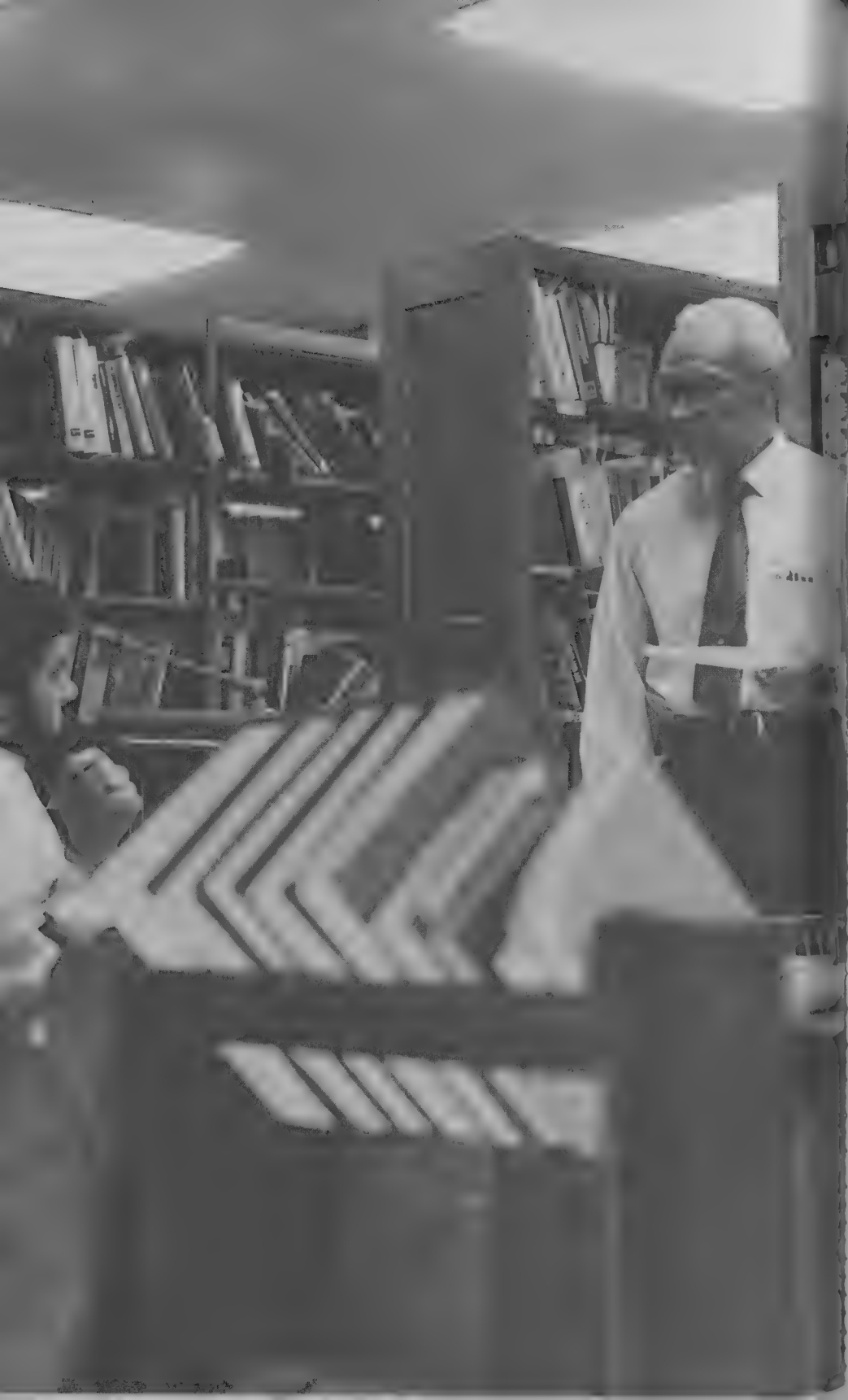
FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Math. 100—Fundamentals of Math.	3	Fine Arts (Art, Music, Drama)	3
Ed. 100—Freshman Orientation	1/2	P.Ed. 102—Orient. in P.Ed.	3
P.Ed. 101—Orient. in P.Ed.	1	Elect (from group below)	1
Elect (from group below)	3	M.F.L. 102—(French, Span., German)	3
P.S. 111—American Govt.		Soc. 102—Prin. of Geography	
M.F.L. 101—(French, Span., German)		P.Ed. 112—Prin. of Health Ed.	
Soc. 102—Prin. of Geography		Eng. 103—Fund. of Speech	
P.Ed. 112—Prin. of Health Educ.		P.S. 221—Intro. to Pol. Sci.	
Eng. 103—Fund. of Speech			
	16 1/2		16

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Lit.	3
Soc. 201—Intro. to Soc. Science	3	Soc. 202—Intro. to Soc. Sci.	3
Sci. 201—Intro. to Phys. Science	3	Sci. 202—Intro. to Phys. Sci.	3
Ed. 203—General Psychology	3	Psy. 222—Human Development II	3
P.E. 221—Health and Safety Ed.	2	P.Ed. 202—Rec. Activities	1
P.Ed. 201—Rec. Activities	1	Elect (from group below)	3
Elect (from group below)	3	M.F.L. 202—(French, Span., German)	
M.F.L. 201—(French, Span., German)		Hist. 202—U.S. History	
Hist. 201—U.S. History		Soc. 211—Geography of N.A.	
Soc. 211—Geography of N.A.			
	18		16





Fields of Study

DEPARTMENT OF BIOLOGY

The principal objectives of the Department of Biology are:

1. To provide all students of the institution with at least a general biological background necessary for the understanding of related subject-matter, and for general intellectual development.
2. To give, in certain cases, basic training toward qualifying students to pursue work in technical and vocational fields based upon the biological sciences.
3. To qualify major students to teach biology and general science subjects in the common schools of Kentucky and elsewhere.
4. To prepare certain students for entrance into studies leading to higher degrees in the Biological Sciences, Dentistry, Medicine, etc.

A second year of chemistry is strongly recommended for Biology majors.

Eighteen and thirty semester hours shall constitute a minor and major respectively in Biology. Six to eight hours of beginning biology (Life Sciences), three hours of General Botany (212), and additional hours may be selected from the following courses: Microtechnique and Histology (205), Comparative Vertebrate Anatomy (203), General Human Physiology (303), General Microbiology (302), Vertebrate Embryology (304), Invertebrate Zoology (306), Genetics (307), Cell Biology (308), Conservation of Natural Resources (315), General Ecology (316), Radiation Biology (402), Problems in Biology (410).

All courses are not offered every year.



CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 103—Life Science -----	4	Biol. 104—Life Science -----	4
Math. 101—College Algebra -----	3	Math. 102—Trigonometry -----	3
Mod. Foreign Language 101— French, Spanish, German -----	3	Mod. Foreign Language 102— French, Spanish, German -----	3
Hist. 101—World Civilization -----	3	Hist. 102—World Civilization -----	3
Eng. 101—English Composition -----	3	Eng. 102—English Composition -----	3
P.Ed. 101—Orient. in Phys. Ed. -----	1	Psy. 200—General Psychology -----	3
Educ. 100—Freshman Orientation -----	½	P.Ed. 102—Orientation in Phys. Ed. -----	1
Educ. 105—Assembly -----	½		
	18		20

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Chem. 101—General Chemistry -----	4	Chem. 102—General Chemistry -----	4
Eng. 211—Intro. to Literature -----	3	Eng. 212—Intro. to Literature -----	3
Mod. Foreign Language 201— French, Spanish, German -----	3	Mod. Foreign Language 202— French, Spanish, German -----	3
Biol. 203—Comparative Vertebrate Anatomy -----	4	Biol. 212—General Botany -----	3
		Psy. 222—Human Development & Psych. II -----	3
Biol. 205—Microtechniques & Hist. --	3	Soc. 202—Intro. to Soc. Science -----	3
Soc. 201—Intro. to Social Sci. -----	3	P.Ed. 202—Recreational Activities -----	1
P.Ed. 221—Health & Safety Ed. -----	2		
P.Ed. 201—Recreational Activities -----	1		
	19-20		20

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Biol. Electives -----	6-8	Biol. Electives -----	6-7
Econ. 211—Principles of Econ. -----	3	Sci. 212—General Physics -----	4
Sci. 211—General Physics -----	3	Electives -----	6-7
Music or Art Appreciation -----	3		
Electives -----	3-4		
	16-18		16-18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Educ. 452—Fund. of Secondary Ed. --	3	Educ. 412—Admin. of Public Schools --	3
Phil. 200—Intro. to Philosophy -----	3	Educ. 410S—Methods of Teaching Sci. --	3
Soc. 305—Contemp. Soc. Prob. -----	3	Educ. 400—Supervised Teaching -----	8
Biology Electives -----	3-4	Biol. 410—Spec. Prob. in Biology -----	1-2
Electives -----	4-6		
	16-18		15-16

COURSE DESCRIPTION

BIOLOGY 101. *Life Science.*

A comprehensive general consideration of the fundamental organization of living things, their structure and function in relation to the interacting factors of the external and internal environments. A survey of the living world of animal and plant organisms with special attention to representative types and relationships. Two hours lecture; two hours laboratory and demonstrations per week. Credit 3 hours.

BIOLOGY 102. *Life Science.*

Continuation of Biology 101. Study of basic biological principles and problems in relation to the requirements of man. Special consideration is given body structures and functions; problems pertaining to nutrition, development, adjustment, heredity, et cetera, and improvement of man and his surroundings. Two hours lecture; two hours laboratory and demonstrations per week. Prerequisite: Biology 101. Credit 3 hours.

BIOLOGY 103-104. *Life Science.*

This two-semester course, designed for science oriented students, is concerned with the principles and processes affecting living matter, both plants and animals; such areas as molecular and cellular biology, physiology, ecology, development, genetics and evolution will receive special attention. The laboratory sessions will provide an opportunity for the students to explore some of the problems in modern biology. Two hours lecture; four hours laboratory per week. Credit 4 hours each semester.

BIOLOGY 107. *Anatomy and Physiology.*

A study of the structure and function of various body systems with emphasis on the skeletal, muscular and nervous mechanisms. Adapted to the needs of nursing students. Two hours lectures; two hours laboratory work per week. Credit 3 hours.

BIOLOGY 108. *Anatomy and Physiology.*

A continuation of Biology 107 with emphasis on the circulatory, respiratory, digestive, urinary, endocrine and reproductive systems. Two hours of lectures; two hours of laboratory work per week. Credit 3 hours.

BIOLOGY 203. *Comparative Vertebrate Anatomy.*

A consideration of the relationships of vertebrate groups; the structure and significance of various organs and systems of typical vertebrates, along with a discussion of the history and habitat of the various groups. Two hours lectures; four hours laboratory per week. Prerequisites: Biology 103-104. Credit 4 hours.

BIOLOGY 204. *Fundamentals of Microbiology.*

An introductory course familiarizing the student with some of the morphological characteristics and physiological activities of micro-organisms. Adapted to the needs of nursing students. Two hours of lectures; two hours of laboratory work per week. Credit 3 hours.

BIOLOGY 205. *Microtechnique and Histology.*

Primarily a laboratory course devoted to preparation of tissues for microscopic study. Lectures offer an introduction to microscopic anatomy and theory of techniques and microscopic methods. Two hours lecture; four hours laboratory per week. Prerequisite: Biology 103-104. Credit 4 hours.

BIOLOGY 212. *General Botany.*

Basic studies in plant life; the morphological and physiological organization, systematic grouping, ecological relationships, and economic importance of plants. Two hours lecture; two hours laboratory. Credit 3 hours.

BIOLOGY 216. *Heredity and Evolution.*

This course is designed for non-science majors who desire an understanding of genetics and evolutionary thought and the implications and impacts of the sciences of heredity and evolution for human society. Special emphasis is placed upon the social, political and psychological ramifications of the biological principles governing heredity and organic evolution. Three hours lecture—discussion, demonstrations. Prerequisite: Biology 101-102. Credit 3 hours.

BIOLOGY 303. *General Human Physiology.*

General treatment of function and activity in the human body, stressing the individual behavior of cells, tissues, organs, and systems in relation to each other, and in the coordinated activity of the human organism; consideration of work on contractility, conductivity, respiration, translocation of materials, and other problems in physiology. Two hours lecture; four hours laboratory. Prerequisites: Biology 103-104 and Chemistry 101-102; Physics 211-212 is recommended. Credit: 4 hours.

BIOLOGY 301. *Fundamental Physiology.*

An introduction to human physiology emphasizing the functional aspects of digestion, circulatory, respiratory, excretory, neuro-muscular, endocrine and reproductive mechanisms of the human body. Two hours lecture and discussion; two hours laboratory and demonstrations per week. Prerequisite: Biology 103-104. Credit 3 hours.

BIOLOGY 302. *General Microbiology.*

A presentation of the fundamentals of modern microbiology, particularly the morphology, classification, distribution, cultivation, and observation, physiology and environmental relations of bacteria, yeasts, molds and certain protozoa; discussions of microorganisms in health, the home, agriculture, and industry. Two hours lecture; two hours laboratory per week. Prerequisite: Biology 103-104, Chemistry 101-102. Credit 3 hours.

BIOLOGY 304. *Vertebrate Embryology.*

A study of the developmental stages of the higher vertebrates, from fertilization to the adult form. The laboratory work consists of a study of various embryonic stages of the chick and pig. Two hours of lectures; four hours of laboratory work per week. Prerequisites: Biology 103-104. Credit 4 hours.

BIOLOGY 306. *Invertebrate Zoology.*

A comprehensive study of the life histories, physiology and evolution of invertebrate organisms with considerable emphasis on independent research. One hour lecture; four hours reports, demonstrations and experimentation per week. Prerequisite: Biology 103-104. Credit 3 hours.

BIOLOGY 308. *Cell Biology.*

A combined lecture-laboratory course designed to advance the student's knowledge of mammalian tissue. Attention will be given to cell physiology and ultrastructure. Emphasis will be placed on intracellular aspects. Two hours lecture; four hours of laboratory work per week. Prerequisites: Microtechnique and Histology, Organic Chemistry or special permission of the instructor. Credit 4 hours.

BIOLOGY 311. *Human Anatomy.*

Special emphasis is placed on internal anatomy; circulation; and muscular, skeletal and nervous systems. Laboratory work consists of study of the cat; charts, models and skeleton of man. Two hours lecture; four hours laboratory per week. Prerequisites: Biology 103-104. Credit 4 hours.

BIOLOGY 315. *Conservation of Natural Resources.*

Introduction to and conservation of our natural resources with special emphasis on land, soil, water, minerals, etc., from the point of view of ecology and the ecosystem. Problems relating to population and world food supply, pesticides, and wild life will be considered. Three hours lecture per week. Prerequisites: Biology 103-104 or the consent of Department Chairman. Credit 3 hours.

BIOLOGY 316. *General Ecology.*

A study of the interrelationships of living organisms and their environment. This course draws from several disciplines and stresses concepts of modern ecology. Two hours lectures; two hour laboratory or field trip per week. Prerequisites: Biology 103-104, or consent of Department Chairman. Credit 3 hours.

BIOLOGY 401. *General Entomology.*

A study of the basic structure, physiology, classification and relationships of insects; discussion of the principles of behavior, sonification, specialization, metamorphosis, and development. Attention is given both injurious and beneficial insects. Two hours lecture; four hours laboratory and field work per week. Prerequisite: Biology 103-104. Credit 4 hours.

BIOLOGY 402. *Introduction to Principles of Radiation Science.*

An introduction to radiation physics, radiation chemistry and the use of radioisotopes as an investigative tool. A good portion of the course will be devoted to the biological effects of ionizing radiation and to its practical applications. Laboratory sessions will emphasize the use of instruments in measuring radiation, and the use of radioisotopes in chemical and biological analysis and investigation. Two hours lecture; four hours laboratory period per week. Prerequisites: One year each of biological science, chemistry, mathematics and the permission of the instructor. Credit 4 hours.

BIOLOGY 410. *Special Problems in Biology.*

A course in which advanced major students in biology who show exceptional capability and interest in the field are permitted to pursue an investigation. Arranged. Credit 1 or 2 hours each semester.

DEPARTMENT OF BUSINESS AND ECONOMICS

The Department of Business and Economics offers curricula leading to the Bachelor of Science Degrees in the following areas: Business Administration, Business Education, and Office Administration. Two-year programs leading to the Associate of Arts Degree and Associate in Applied Science Degree are offered in Office Administration and Accounting. A one-year program in Office Administration is also available.

OBJECTIVES

The Department of Business and Economics attempts to serve students wishing to prepare themselves for careers in teaching, office administration, and for semi-administrative and managerial positions in public and private enterprises.

The Departmental objectives are:

- A. To contribute toward the individual's understanding of and appreciation for our changing economic society;
- B. To provide the knowledge and skills necessary for individuals to perform efficiently in the operation and management of business activities;
- C. To provide knowledge and skills for understanding and instituting methods and techniques necessary for modern business operations;
- D. To prepare students to teach business courses offered on the secondary and postsecondary levels;
- E. To prepare individuals to handle high level secretarial and office management positions in public and private enterprises.
- F. To prepare students to handle high-level clerical and stenographic positions through the completion of the one and two-year secretarial programs;
- G. To provide the opportunity for students to become teachers in federally reimbursed programs in secondary and vocational schools.

Courses offered in the Department are designed to accomplish the above stated objectives.

BUSINESS ADMINISTRATION CURRICULUM REQUIREMENTS

The objectives of this curriculum are to prepare students for careers in business, industry, government, and for graduate study.

Students desiring to pursue a major in this area will follow a common core of courses for the first two years. Beginning with the Junior year, one of the three following major options should be chosen: General Business, Accounting, or Economics.

BUSINESS EDUCATION CURRICULUM REQUIREMENTS

The curricula in Business Education are to prepare qualified teachers of business education at the secondary and postsecondary school levels. The programs lead to a Bachelor of Science degree with teaching certificates of two forms: Accounting and General Business; area of concentration in commerce. The Accounting and General Business curriculum is designed for students who wish to teach business subjects exclusive of skills courses and other secretarial courses. The curriculum with a concentration in business education is to prepare and certify students to teach in all subject areas at the secondary and postsecondary school levels. A minimum of 48 semester hours is required for an area of concentration. In the combined subject areas of accounting and general business a minimum of 36 hours is required.

A TEACHING MINOR IN THE AREA OF BUSINESS

Several opportunities are available to those students who might wish to select a teaching minor in the area of business. For high school certification, a minimum of 21 semester hours is required for teaching in a single subject field. Subject fields in which teaching minors may be chosen for high school certification are:

- Accounting
- Economics
- General Business
- Secretarial Practice

Under the guidance of a faculty member in the Department of Business, courses are to be chosen with prefixes of "B.A.," "B.Ed.," "Econ.," and "O.A."

The required courses, in satisfaction of prerequisites, shall be B.A. 112, B.A. 121, Econ. 211, and Math 100 or its equivalent.

CERTIFICATION AS VOCATIONAL BUSINESS TEACHERS

Students who wish to be certified as teachers for the federally reimbursed vocational business education program will follow the same curricula for major programs. However, not later than the sophomore year, students should have made known their desire for this form of certification in order that the work experience requirement can be satisfied within the four-year study period.

MINOR IN ECONOMICS

Students desiring to pursue a minor in Economics should take the following course sequence.

COURSE	HOURS
Econ. 211—Principles of Economics I	3
Econ. 212—Principles of Economics II	3
Econ. 311—Business Statistics	3
Econ. 324—Labor Problems	3
Econ. 411—Money & Banking	3
Econ. 323—Intermediate Micro-Economic Theory	
OR	
Econ. 322—Intermediate Macro-Economic Theory	3
	<hr/> 18

OFFICE ADMINISTRATION CURRICULUM REQUIREMENTS

This curriculum is planned for the training of persons qualified to handle secretarial and office management positions of some responsibility, including those of office supervisor, administrative secretary, and executive secretary.

Requirements for O.A. 103, 104, 211, and 212 are the same as those listed under the Business Education curriculum. All courses are offered every year unless otherwise stated.

ASSOCIATE IN APPLIED SCIENCE DEGREE- OFFICE ADMINISTRATION (TWO YEARS)

Through its two-year curriculum in Office Administration, Kentucky State offers an area of training designed to prepare a student for employment in general secretarial and clerical fields.

This program is especially planned for the person who does not wish to pursue a bachelor's degree, but is interested in acquiring the requisite proficiencies and skills for gainful employment and who desires the collegiate background that will contribute to advancement after a two-year period of study.

CERTIFICATE IN APPLIED SCIENCE-OFFICE ADMINISTRATION (ONE YEAR)

Through its one-year curriculum in Office Administration, Kentucky State provides intensive training for the individual who desires secretarial or clerical employment after a minimum time period, yet who wants a well-rounded preparation.

ASSOCIATE IN APPLIED SCIENCE DEGREE-ACCOUNTING (TWO YEARS)

The two-year course in Accounting is designed to provide students with the necessary background for employment in the area of Accounting. This program should interest those students who are interested in a career in Accounting but do not desire to pursue a four-year program leading to a Bachelor of Science Degree.

CURRICULUM IN BUSINESS ADMINISTRATION

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
*S.S. 100—Elementary Type	2	P.Ed. 221—Health and Safety Ed.	2
Math. 100—Fund. of Math.	3	B.A. 112—Business Mathematics	3
B.A. 121—Intro. to Business	3	P.Ed. 102—Orientation in P.Ed.	1
Ed. 100—Freshman Orientation	1/2	Elective	1-3
P.Ed. 101—Orientation in P.Ed.	1		
Educ. 105—Assembly	1/2		
	<hr/> 19		<hr/> 16-18

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Soc. 201—Intro. Social Science	3	Soc. 202—Intro. Social Science	3
Econ. 211—Prin. of Economics	3	Econ. 212—Prin. of Economics	3
B.A. 261—Prin. of Accounting	4	B.A. 262—Prin. of Accounting	4
P.Ed. 201—Recreational Activities	1	P.Ed. 202—Recreational Activities	1
	<hr/> 17		<hr/> 17

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
P.S. 111—American Gov't.	3	Psy. 200—General Psychology	3
Econ. 311—Business Statistics	3	B.Ed. 204—Business Communication	3
B.A. 321—Business Law	3	B.A. 322—Business Law	3
S.S. 325—Office Machines	2	Econ. 312—Business Statistics	3
B.A. 351—Prin. of Marketing	3	B.A. 333—Personnel Admin.	3
B.A. 361—Intermediate Account	3	B.A. 362—Intermediate Account	3
	<hr/> 17		<hr/> 18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
B.A. 323—Business Organization	3	Econ. 411—Money and Banking	3
Econ. 324—Labor Problems	3	B.A. 452—Prin. of Real Estate	3
Business Electives	9	B.A. 456—Corporation Finance	3
	<hr/> 15	B.A. 490—Internship	3-6
			<hr/> 12-15

*This course satisfies the typewriting requirement of two credit hours for Business Administration majors. Students who have one unit or more of typewriting on high school or other school record shall be required to take a proficiency examination. Those students who successfully pass the examination shall have the proficiency certified on permanent transcript in the Office of the Registrar.

CURRICULUM IN BUSINESS EDUCATION (Area of Concentration)

FRESHMAN YEAR

First Semester		Hours	Second Semester		Hours
Eng.	101—English Composition	3	Eng.	102—English Composition	3
Hist.	101—World Civilization	3	Hist.	102—World Civilization	3
Biol.	101—Life Science	3	Biol.	102—Life Science	3
Math.	100—Fundamentals of Math	3	B.A.	112—Business Mathematics	3
*O.A.	103—College Typewriting I	3	O.A.	104—College Typewriting II	3
Ed.	100—Freshman Orientation	1/2	P.Ed.	221—Health & Safety Ed.	2
P.Ed.	101—Orientation in P.Ed.	1	P.Ed.	102—Orientation in P.Ed.	1
Educ.	105—Assembly	1/2			
		17			18

SOPHOMORE YEAR

First Semester		Hours	Second Semester		Hours
Eng.	211—Intro. to Lit.	3	#Fine Arts Elective		3
Soc.	201—Intro. to Soc. Sc.	3	Soc.	202—Intro. to Soc. Sc.	3
O.A.	211—Elementary Stenography	3	O.A.	212—Advanced Steno.	3
B.A.	261—Prin. of Accounting	4	B.A.	262—Prin. of Accounting	4
O.A.	324—Records Management	1	O.A.	325—Office Machines	2
Psy.	200—General Psychology	3	Psy.	222—Human Growth & Dev. II	3
P.Ed.	201—Recreational Activities	1	P.Ed.	202—Recreational Activities	1
		18			19

JUNIOR YEAR

First Semester		Hours	Second Semester		Hours
Sci.	201—Physical Science Surv.	3	B.Ed.	360—Prin. of Bus. Ed.	3
O.A.	311—Dictation & Transcrip.	3	B.Ed.	204—Business Communication	3
B.A.	321—Business Law I	3	B.A.	322—Business Law II	3
Econ.	211—Principles of Econ.	3	Econ.	212—Principles of Econ.	3
**General Education Elective		3	**General Education Elective		3
Business Administration Elec.		3	Soc.	305—Contemporary Soc. Prob.	3
		18			18

SENIOR YEAR

First Semester		Hours	Second Semester		Hours
Ed.	452—Fund. of Secondary Ed.	3	Ed.	412—Administration of Public Schools	3
O.A.	421—Secretarial Procedures and Administration	3	B.Ed.	400—Methods & Materials in Bookkeeping and Social Business Subj.	3
B.Ed.	412—Educational Measurements in Bus. Ed.	3	B.Ed.	402—Methods and Materials in Secretarial Subj.	3
B.Ed.	442—Administrative Office Management	3	Ed.	400—Supervised Teaching	8
Ed.	442—Audio-Visual Ed.	3			
Elective in Computer Science		3			
		18			17

*Persons who have one unit or more of typewriting on high school or other school record shall be required to take a placement examination. On the basis of test results, they shall be admitted to either O.A. 100 or O.A. 103. Business Education and Office Administration majors will be required to complete O.A. 103 and O.A. 104 unless they can prove their ability to satisfy the requirements for O.A. 103 by an examination.

**Selected from literature, journalism, speech, foreign language, philosophy.
#Selected from Art, Music, Drama.

CURRICULUM IN BUSINESS EDUCATION (Accounting-General Business)

FRESHMAN YEAR

First Semester		Hours	Second Semester		Hours
Eng.	101—English Composition	3	Eng.	102—English Composition	3
Hist.	101—World Civilization	3	Hist.	102—World Civilization	3
Biol.	101—Life Science	3	Biol.	102—Life Science	3
*O.A.	103—College Typewriting I	3	B.A.	112—Business Mathematics	3
Ed.	100—Freshman Orientation	1/2	P.Ed.	221—Health & Safety Ed.	2
Math.	100—Fundamentals of Math	3	#Fine Arts Elective		3
P.Ed.	101—Orientation in P.Ed.	1	P.Ed.	102—Orientation in P.Ed.	1
Educ.	105—Assembly	1/2			
		17			18

SOPHOMORE YEAR

First Semester		Hours	Second Semester		Hours
Eng.	211—Intro. to Literature	3	B.Ed.	204—Business Communication	3
Soc.	201—Intro. to Soc. Sc.	3	Soc.	202—Intro. to Soc. Sc.	3
Econ.	211—Principles of Econ.	3	Econ.	212—Principles of Econ.	3
B.A.	261—Principles of Account.	4	B.A.	262—Principles of Account.	4
Psy.	203—General Psychology	3	Psy.	222—Human Growth & Dev. II	3
O.A.	325—Office Machines	2	P.Ed.	202—Recreational Activities	1
P.Ed.	201—Recreational Activities	1			
		19			17

JUNIOR YEAR

First Semester		Hours	Second Semester		Hours
Sci.	201—Physical Sci. Survey	3	B.Ed.	360—Principles of B.Ed.	3
B.A.	321—Business Law I	3	B.A.	322—Business Law II	3
Elective in Accounting		3	**General Education Elective		3
+General Business Electives		6	+General Business Elective		3
**General Education Elective		3	Soc.	305—Contemporary Social Problems	3
		18			15

SENIOR YEAR

First Semester		Hours	Second Semester		Hours
Ed.	452—Fund. of Second. Ed.	3	B.Ed.	400—Methods & Materials in Bookkeeping and Social Business Subj.	3
B.Ed.	412—Educational Measurement in Bus. Ed.	3	Ed.	412—Administration of Public Schools	3
Ed.	442—Audio-Visual Ed.	3	Ed.	400—Supervised Teaching	8
Elective in Computer Science		3			
Elective in Accounting		3			
B.A.	490—Business Internship	1-3			
		16-18			14

*Persons who have one unit or more of typewriting on high school or other school record shall be required to take a placement examination. On the basis of test results, they shall be admitted to either O.A. 100 or O.A. 103. Business Education majors are required to complete O.A. 103 unless they can prove their ability to satisfy the requirements for O.A. 103 by an examination.

**Selected from literature, journalism, speech, foreign language, philosophy.

#Selected from Art, Music, Drama.

+Selected from Management, Marketing, Insurance, Selling, etc.—any "B.A." course except Accounting.

CURRICULUM IN OFFICE ADMINISTRATION

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Math. 100—Fund. of Math.	3	B.A. 112—Bus. Mathematics	3
*O.A. 103—College Typing I	3	O.A. 104—College Typing II	2
Ed. 100—Freshman Orientation	1/2	P.Ed. 221—Health and Safety	1
P.Ed. 101—Orientation in P.Ed.	1	P.Ed. 102—Orientation in P.Ed.	1
Educ. 105—Assembly	1/2		
	17		18

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Introduction to Literature	3	Eng. Speech Electives 103 or 201	2-3
B.A. 121—Introduction to Business	3	B.A. 262—Principles of Accounting	4
B.A. 261—Principles of Accounting	4	O.A. 212—Advanced Stenography	3
O.A. 211—Stenography I	3	Soc. 202—Intro. to Social Sci.	3
Soc. 201—Intro. to Social Sci.	3	P.Ed. 202—Recreational Activities	1
O.A. 324—Records Management	1	**General Electives	3
P.Ed. 201—Recreational Activities	1		
	18		16-17

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Language Elective	3	Language Elective	3
O.A. 311—Dictation & Transcription	3	B.A. 333—Personnel Administration	3
Econ. 211—Principles of Economics	3	Econ. 212—Principles of Economics	3
B.A. 321—Business Law I	3	B.A. 322—Business Law II	3
B.A. 323—Bus. Organization & Management	3	B.Ed. 204—Business Communication	3
O.A. 325—Office Machines	2	Psy. 200—General Psychology	3
	17		18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
P.S. 111—American Govt.	3	Econ. 411—Money & Banking	3
Soc. 401—Social Psychology	3	O.A. 492—Office Administration Internship	6
B.Ed. 442—Admin. Office Management	3	Business Electives	6
O.A. 421—Secretarial Practice	3		
Business Elective	3		
Computer Science Elective	3		
	18		15

*Persons who have one unit or more typewriting on high school or other record shall be required to take a placement examination. On the basis of test results, they shall be admitted to either O.A. 100 or O.A. 103. Business Education and Office Administration majors will be required to complete O.A. 103 and O.A. 104 unless they can prove their ability to satisfy the requirements for O.A. 103 by an examination. The same procedure will apply for O.A. 211.

**Selected from Literature, Journalism, or Philosophy.

ASSOCIATE IN APPLIED SCIENCE DEGREE—OFFICE ADMINISTRATION CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Math. 100—Fund. of Math.	3	B.A. 112—Bus. Mathematics	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
B.A. 121—Intro. to Business	3	O.A. 103—College Typing I	3
*O.A. 100—Elem. Typing	2	O.A. 325—Office Machines	2
O.A. 324—Records Management	1	O.A. 212—Elem. Stenography	3
O.A. 211—Elem. Stenography	3	Psy. 200—General Psychology	3
	15		17

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
B.A. 261—Prin. of Accounting	4	B.Ed. 204—Bus. Communication	3
Econ. 211—Prin. of Economics	3	O.A. 421—Secretarial Procedures and Administration	3
B.A. 321—Business Law	3	B.Ed. 422—Administrative Office Management	3
O.A. 311—Dictation and Transcription	3	C.S. 100—Intro. to Electronic Data Processing	3
O.A. 104—College Typing II	3	O.A. 422—Secretarial Office Internship	3
	16		15

CERTIFICATE IN APPLIED SCIENCE—OFFICE ADMINISTRATION CURRICULUM (ONE YEAR)

First Semester	Hours	Second Semester	Hours
Math. 100—Fundamentals of Mathematics	3	B.A. 102—Bus. Mathematics	3
B.A. 121—Intro. to Business	3	O.A. 103—College Typing I	3
*O.A. 100—Elem. Typing	2	O.A. 212—Elem. Stenography	3
*O.A. 211—Elem. Stenography	3	O.A. 325—Office Machines	2
O.A. 324—Records Management	1	C.S. 100—Intro. to Electronic Data Processing	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
	15		17

ASSOCIATE IN APPLIED SCIENCE DEGREE— ACCOUNTING CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—Eng. Composition	3	Eng. 102—Eng. Composition	3
Math. 100—Fund. of Math.	3	B.A. 112—Business Math.	3
B.A. 121—Intro. to Bus.	3	B.A. 262—Prin. of Accounting	4
B.A. 261—Princ. of Accounting	4	S.S. 325—Office Machines	2
Psy. 200—General Psychology	3	B.A. 319—Electronic Data Processing	3
	16	S.S. 100—Elem. Typewriting	2
			17

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Econ. 211—Prin. of Economics	3	Econ. 212—Prin. of Economics	3
B.A. 321—Business Law	3	B.A. 322—Business Law	3
B.A. 361—Intermediate Accounting	3	B.A. 362—Intermediate Accounting	3
B.A. 462—Federal Income Taxation	3	B.A. 463—Federal Income Taxation	3
Econ. 311—Business Statistics	3	P.S. 111—American Govt.	5
B. Ed. 204—Business Communication	3		
	18		15

*Students who pass a proficiency examination in O.A. 100 and/or O.A. 211, given on or before the first day of classes, will be exempted from these courses and permitted to enroll in O.A. 103 and/or O.A. 212. Other courses will be added to complete the full program.

COURSE DESCRIPTIONS

ACCOUNTING

BUSINESS ADMINISTRATION 261. *Principles of Accounting.*

A study of the fundamental principles of accounting as they apply to modern business practice, including the theory of debit and credit, accounting records of various kinds, simple balance sheets and income statements. Three lectures and three laboratory periods each week. Credit, 4 hours.

BUSINESS ADMINISTRATION 262. *Principles of Accounting.*

In this course the student is acquainted with accounting fundamentals in handling investments, manufacturing operations, and analyzing financial statements. Prerequisite: B. A. 261. Credit, 4 hours.

BUSINESS ADMINISTRATION 361. *Intermediate Accounting.*

A study of the trends in accounting practice, an analysis of financial statements, and an analysis of partnership and corporation accounting. Prerequisite: B. A. 262. Credit, 3 hours.

BUSINESS ADMINISTRATION 362. *Intermediate Accounting.*

A continuation of the analysis of financial statements; includes investments, fixed assets, source and application of funds, income determination and liabilities. Prerequisite: B. A. 361. Credit, 3 hours.

BUSINESS ADMINISTRATION 461. *Governmental Accounting.*

A study of budgetary controls, systems, theories and an application of the principles of fund accounting and reporting for governmental units. Prerequisite: B. A. 361. Credit, 3 hours.

BUSINESS ADMINISTRATION 462. *Federal Income Taxation.*

Interpretation of federal income tax laws. Rules and regulations applicable to individual, estate and trust. Attention is given to court decisions and internal revenue procedures. Prerequisite: B. A. 361. Credit, 3 hours.

BUSINESS ADMINISTRATION 463. *Advanced Federal Income Tax Procedures.*

Interpretation of federal income tax laws. Rules and regulations applicable to partnerships, corporations, reorganizations, fiduciaries, and gift. Attention is given to research in federal income taxation, court decisions, and internal revenue procedures. Prerequisite: B. A. 462. Credit, three hours.

BUSINESS ADMINISTRATION 481. *Cost Accounting.*

A study of the principles, practices, and procedures involved in collecting, assembling, analyzing, and controlling manufacturing costs: material, labor, and overhead. Prerequisite: B. A. 361. Credit, 3 hours.

BUSINESS ADMINISTRATION 482. *Auditing.*

A study of auditing to include the history, scope of service, ethics and responsibilities. Auditing techniques and procedures used in independent audits are discussed and applied to a continuous practice problem. Consideration is given to the types, limitations and contents of audit working papers, audit reports as prepared by the independent audit. Prerequisite: B. A. 362. Credit, 3 hours.

BUSINESS ADMINISTRATION 483. *Accounting Theory.*

An analysis of the accounting concepts and procedures with particular emphasis on the reasoning behind the methods of measuring income, determination of costs, and the investigation of the financial position of the organization. Prerequisite: B. A. 361. Credit, 3 hours.

BUSINESS ADMINISTRATION

BUSINESS ADMINISTRATION 112. *Business Mathematics.*

The development of arithmetic skills and the application of these to business problems including mark-up, insurance, partnership and corporation problems, sinking funds, interest, present values and annuities. Credit, 3 hours.

BUSINESS ADMINISTRATION 121. *Introduction to Business.*

A study of the fundamental principles of business organization, finance, banking, credit management, salesmanship, and advertising. Required of all business majors and prerequisite to all business courses. Credit, 3 hours.

BUSINESS ADMINISTRATION 319. *Electronic Data Processing.*

Provides the opportunity to develop an understanding of and an appreciation for the tools of data processing by dealing with the basic functions and operation of IBM punched card equipment. Prerequisite: None. Credit, 3 hours.

BUSINESS ADMINISTRATION 321-322. *Business Law.*

A study of the legal aspects of business relating to contracts, agency, negotiable instruments, organization, real and personal property, and the application of legal theories to cases. Prerequisite: Junior standing. Credit, 3 hours for each course.

BUSINESS ADMINISTRATION 323. *Principles of Management.*

The purpose of this course is to give the student a working knowledge of fundamental principles underlying the management of business enterprises. The student is acquainted with methods of identifying and evaluating the influence upon a business enterprise, and then given a comprehensive view of modern practices of planning, supervising, organizing and controlling various functional activities. Prerequisite: Econ. 212. Credit, 3 hours.

BUSINESS ADMINISTRATION 333. *Personnel Administration.*

An examination of supervision of employees and the development of policies relating to effective utilization of human resources in business concerns. Prerequisite: Econ. 212. Credit, 3 hours.

BUSINESS ADMINISTRATION 351. *Principles of Marketing.*

Study of the movement of goods from producers to consumers and an examination of the functions of the marketing process, marketing institutions, channels of distribution, legal aspects and policy considerations. Prerequisite: Econ. 212. Credit, 3 hours.

BUSINESS ADMINISTRATION 452. *Principles of Real Estate.*

A study of real estate economics, including the real estate business contract, financing, real estate law and valuation. Prerequisite: B. A. 322. Credit, 3 hours.

BUSINESS ADMINISTRATION 453. *Principles of Retailing.*

This course is designed to acquaint the student with such fundamentals of buying, sales promotion, pricing, control and store finance of various retail enterprises, and how they operate to serve both consumer and producer of commodities. Prerequisite: B. A. 351. Credit, 3 hours.

BUSINESS ADMINISTRATION 456. *Corporate Finance.*

An examination of the principles of financing capital and securities for business organizations. Prerequisite: B.A. 323, B.A. 261 and Economics 212. Credit 3 hours.

BUSINESS ADMINISTRATION 290, 390, 490. *Business Internship.*

Work experience of a co-op nature designed to enable the student to acquire practical on-the-job experience as he pursues his course work. B.A. 290 and 390 will be offered the summers following the freshman and sophomore years, respectively. B.A. 490 will be offered the summer following the junior year and during the last semester of the senior year. Requirements for course: recommendation by Department. Credit 0-6 hours.

BUSINESS EDUCATION**BUSINESS EDUCATION 204. *Business Communication.***

Emphasis is placed on communication theory and its application primarily to business writings—letters, memorandums, and reports—with correct and forceful English. Techniques for effective dictation and procedures used for solving internal business reporting problems are also included. Prerequisites: O. A. 100 or the equivalent, English 101 and 102. Credit 3 hours.

BUSINESS EDUCATION 360. *Principles of Business Education.*

Consideration of the philosophy and the problems underlying practices and methods in the teaching of general business, bookkeeping, shorthand, typewriting, and related business subjects offered in secondary and postsecondary institutions. Credit 3 hours.

BUSINESS EDUCATION 400. *Methods and Materials in the Teaching of Bookkeeping and Social Business Subjects.*

Methods, materials, and techniques used in the teaching of bookkeeping, accounting, general business, and other social business subjects. Prerequisite: B.A. 261, B.A. 262; Business Education 360. Credit 3 hours.

BUSINESS EDUCATION 402. *Methods and Materials in the Teaching of Secretarial Subjects.*

Special methods, techniques, and devices used in the teaching of shorthand, typewriting, secretarial office practice, and other skills courses. Prerequisite: Business Education 360. Credit 3 hours.

BUSINESS EDUCATION 412. *Educational Measurement in Business Education.*

Principles of tests and testing and evaluation theories are presented for specific business subjects; selection of tests and constructing tests; analyzing and interpreting test scores; converting test score to school grades; and determining the statistical validity and reliability of tests. Prerequisites: Mathematics 100, B.A. 112, O.A. 325, B. Ed. 360, or senior standing. Credit 3 hours.

BUSINESS EDUCATION 442. *Administrative Office Management.*

Problems involved in planning and directing the function of business and professional offices, including office building, layout, form construction, systems, management, and the preparation of office manuals. Credit 3 hours.

ECONOMICS**ECONOMICS 211. *Principles of Economics I.***

This course introduces the student to the general field of Economics. It treats the background of our economy, production, a study of money and the banking system. Credit 3 hours.

ECONOMICS 212. *Principles of Economics II.*

A continuation of Economics 211. This course includes a study of distribution theory, government finance, business fluctuations, labor problems and industrial relations, international trade, and various economic system. Prerequisite: Economics 211. Credit 3 hours.

ECONOMICS 311-312. *Business Statistics.*

The study of the theories and techniques of statistical methods applicable to economics and business and the development of tools necessary for decision-making as employed in research. Prerequisite: B.A. 112 and Economics 212. Credit 3 hours for each course.

ECONOMICS 322. *Macro-Economics.*

A systematic development of static and dynamic theories of aggregate economics; the measurement of economic activity, determination of national income, growth and fluctuations, and problems in the control of economic activity. Prerequisite: Economics 212. Credit 3 hours.

ECONOMICS 323. *Intermediate Micro-economic Theory.*

The course is designed to provide an intensive study of economic analysis of consumption, output, price and factor proportion problems of forms in different market structures, and distribution of income. Prerequisite: Economics 212. Credit 3 hours.

ECONOMICS 324. *Labor Problems.*

A study of the labor market and the labor movement. Among the labor problems studied are wage rates, unemployment, industrial accidents and workmen's compensation, and industrial disputes. Emphasis is placed on the relationship between the organized labor movement and other groups in our economy. Prerequisite: Economics 212. Credit 3 hours.

ECONOMICS 325. *Comparative Economic Systems.*

A study of the ideologies and functionings of Capitalism, Communism, Fascism, and Socialism. Emphasis is placed on the operation of basic economic institutions and the manner in which various economic principles and theories operate in each of the systems. Prerequisite: Economics 212. Credit 3 hours.

ECONOMICS 329. *International Economics.*

A description and analysis of the international economic relationships among the nations of the world with emphasis on the United States, international trade in merchandise, services, unilateral transfers or directions, and international capital movements are examined together with balances of payments and the international monetary system. Both the institutions and theory of international economic relations are explored. Prerequisite: Economics 212. Credit 3 hours.

ECONOMICS 401. *Public Finance and Taxation.*

An examination of the collections and expenditures of public funds, and systems of taxation. Prerequisite: Economics 212. Credit 3 hours.

ECONOMICS 411. *Money and Banking I.*

A study of our monetary and banking systems. Emphasis is placed on the role of the Federal Reserve System. Prerequisite: Economics 212. Credit 3 hours.

ECONOMICS 412. *Money and Banking II.*

A continuation of Economics 411. Emphasis is placed on monetary theories, relationship of money to credit and prices, and current monetary problems. Prerequisite: Economics 411. Credit 3 hours.

ECONOMICS 422. *Current Economics.*

An application of economic theories and principles of contemporary economic problems. Prerequisite: Economics 212. Credit 3 hours.

OFFICE ADMINISTRATION**OFFICE ADMINISTRATION 100. *Elementary Typewriting.***

Basic Typewriting instruction designed to develop proficiency in the use of the typewriter in communications. For minimum proficiency, student should be able to typewrite simple letters, tables, and manuscripts in satisfactory form, arrangement, and appearance, and within reasonable periods of time. Student should attain the skill to typewrite a minimum of 35 words per minute on straight copy material for five minutes with a high degree of accuracy. Credit 2 hours.

OFFICE ADMINISTRATION 103. *College Typewriting I.*

Admission by examination or the successful completion of O.A. 100. Along with measurement of straight copy progress, emphasis is placed upon the application of typewriting to business office jobs: business letters, business forms, tabulations, manuscripts, and legal documents. Required for Business Education and Office Administration majors. Credit 3 hours.

OFFICE ADMINISTRATION 104. *College Typewriting II.*

Emphasis is placed upon production work, incorporating a complex of office problems requiring the use of the typewriter for solutions. High level skill in handling the various types of duplicating jobs and typing from machine dictation are abilities to be developed in this course. Required of Business Education and Office Administration majors. Prerequisite: O.A. 103 or admission by examination. Credit 3 hours.

OFFICE ADMINISTRATION 105. *Notehand.*

A course designed to facilitate the notetaking ability of students. It has as its objective to improve learning, extend retention, increase study efficiency through effective techniques of listening, reading, and notetaking. Credit 3 hours.

OFFICE ADMINISTRATION 211. *Elementary Stenography.*

A mastery of the principles of Gregg Shorthand with emphasis on the reading and writing of shorthand notes. Credit 3 hours.

OFFICE ADMINISTRATION 212. *Advanced Stenography.*

Continuation of Office Administration 211. Emphasis is upon speed and accuracy in recording dictation and transcribing. Prerequisite: Office Administration 211 or its equivalent. Credit 3 hours.

OFFICE ADMINISTRATION 311. *Dictation and Transcription.*

Emphasis is placed upon dictation for mailable transcriptions. Prerequisite: Office Administration 212. Credit 3 hours.

OFFICE ADMINISTRATION 324. *Records Management.*

Emphasis is placed on principles of applying scientific control to creating, processing, filing, maintaining, protecting and disposing of an organization's records. Two class meetings per week. Credit 1 hour.

OFFICE ADMINISTRATION 325. *Office Machines.*

The application of desktop calculators to mathematical, accounting, and statistical problems. Students solve problems through the use of add-listing, rotary, printing, key drive, and electronic calculators. Prerequisite: B.A. 112. Credit 2 hours.

OFFICE ADMINISTRATION 421. *Secretarial Procedure and Administration.*

An integrated course combining the skills in shorthand, typewriting and accounting. Concerned with the taking of minutes, report writing, manuscripts, office style dictation and the solving of problems which arise in the office. Prerequisites: Office Administration 201 and 212. Credit 3 hours.

OFFICE ADMINISTRATION 492. *Office Administration Internship.*

Work in business offices for approximately 15 hours per week for nine weeks. Prerequisite: The completion of all required courses in major field. Credit 6 hours.

DEPARTMENT OF CHEMISTRY

The Department of Chemistry offers instruction in the fundamental facts and principles of chemistry for students:

1. Who plan industrial careers in chemistry.
2. Who plan graduate and professional studies.
3. Who plan for positions in vocational and technical home economics, nursing, industrial arts and for medical and laboratory technicians.
4. Who plan careers in elementary and secondary teaching.
5. Who are interested in the cultural and environmental aspects of chemistry.

Students majoring in Chemistry must include courses 101, 102, 201, 202, 305 and 306 in the forty (40) hour requirement for majors. The remaining courses may be selected from courses 301, 312, 314, 315, 401, 402, 403 and 408. Students requesting a second major in Chemistry along with a major in some other area must include courses 101, 102, 201, 202, 305 and 306 in the required forty (40) hours for majors.

Students minoring in Chemistry must include courses 101, 102, 201, 202 in the twenty-four (24) hour requirement for minors.

All courses are offered every year unless otherwise stated.



CURRICULUM

*FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Educ. 100—Orientation	1/2	P.Ed. 102—Orientation in P.Ed.	1
P.Ed. 101—Orientation in P.Ed.	1		
Educ. 105—Assembly	1/2		
	19		18

*SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Psy. 222—Human Development	3
Psy. 200—General Psychology	3	Math. 204—Calculus	3
Math. 203—Calculus	3	Foreign Language (German)	3
Foreign Language (German)	3	Chem. 202—Organic Chemistry	4
Math. 201—Plane Anal. Geometry	3	Chem. 203—Quantitative Anal.	4
Chem. 201—Organic Chemistry	4	P.Ed. 202—Recreational Activities	1
P.Ed. 201—Recreational Activities	1		
	20		18

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 201—Intro. to Soc. Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Foreign Language (German)	3	Foreign Language (German)	3
Sci. 211—Physics	4	Sci. 212—Physics	4
Chem. 305—Physical Chemistry	4	Eng. 212—Intro. to Literature	3
P.Ed. 221—Health and Safety	2	Chem. 306—Physical Chemistry	4
Fine Arts	3		
	19		17

SENIOR YEAR (TEACHING MAJORS)

First Semester	Hours	Second Semester	Hours
Econ. 211—Principles of Economics	3	Ed. 410S—Methods	3
Ed. 452—Fund. of Sec. Ed.	3	Ed. 400—Supervised Teaching	8
Chemistry Electives	6	Ed. 412—Adm. Pub. Schools	3
Humanities Elective	3		
Phil. 200—Intro. to Philosophy	3		
	18		14

SENIOR YEAR (PROFESSIONAL)

First Semester	Hours	Second Semester	Hours
Chem. 405—Ad. Topics in Phys. Chem.	3	Chem. 314—Theory of Instru. Anal.	4
Chem. Electives	3-4	Chem. Research	1-3
Chem. 404—Senior Seminar	1	Chem or Math. Elective	4
Humanities Elective	3	Humanities Elective	4
Chemistry or Math. Elective	4	Econ. 211—Prin. of Econ	3
	13-14		16-18

*Freshman and Sophomore curriculum is required for both teaching majors and those preparing for a professional career in chemistry.

COURSE DESCRIPTIONS

CHEMISTRY 101. *General Chemistry.*

This course is devoted to giving the student a thorough acquaintance with the fundamental laws and theories of Chemistry. The course is built around the laboratory work, which includes experiments performed by the individual student, illustrating the properties of certain non-metallic elements and their compounds, the laws on which the atomic theory is based, properties of gases, liquids, solids, solutions, theory of ionization, laws of mass action and stoichiometry. Lecture three hours per week. Laboratory three hours per week. Credit 4 hours.

CHEMISTRY 101N. *General Chemistry.*

This is an abridged course designed to satisfy the needs of students taking the two-year Associate Degree course in Nursing. It proposes to give information on the basic principles of General Chemistry, Quantitative Analysis and Organic Chemistry as applied to Biochemistry. Lecture two hours per week. Laboratory two hours per week. Credit 3 hours.

CHEMISTRY 102. *General Chemistry.*

A continuation of Chemistry 101. The basic principles of Qualitative and Quantitative Analysis are introduced. Lecture three hours. Laboratory three hours. Prerequisite: Chemistry 101. Credit 4 hours.

CHEMISTRY 201. *Organic Chemistry.*

A course dealing with the chemistry of carbon compounds. Special emphasis is laid upon the molecular orbital representation of organic molecules, mechanisms of organic reactions, and an introduction to the use of ultraviolet, infrared and nuclear magnetic resonance spectroscopy in the identification of organic compounds. Laboratory experience includes basic principles of separation of compounds, classification of compounds according to their functional groups and synthesis of the basic classes of Organic compounds. Lecture three hours per week. Laboratory three hours per week. Prerequisite: Chemistry 102. Credit 4 hours.

CHEMISTRY 202. *Organic Chemistry.*

A continuation of Chemistry 201, covering such topics as tautomerism, stero-isomerism and the basic chemistry of Natural Products. Lecture three hours per week. Laboratory three hours per week. Prerequisite: Chemistry 201. Credit 4 hours.

CHEMISTRY 203. *Quantitative Analysis I.*

This course covers the fundamental theory and practice of volumetric and gravimetric analysis. The laboratory work is concerned with the preparation of standard solutions and to the analysis of salts, alloys and ores. The techniques of volumetric, gravimetric, and electrochemical methods are taught. The student is trained in chemical calculations as applied to quantitative analysis. Lecture 2 hours per week. Laboratory six hours per week. Prerequisite: Chemistry 102. Credit 4 hours.

CHEMISTRY 204. *Quantitative Analysis II.*

This course covers the more complex methods of quantitative analysis including compleximetric titrations and instrumental techniques of quantitative analysis. Lecture 2 hours per week. Laboratory 6 hours per week. Prerequisite: Chemistry 203. Credit 4 hours.

CHEMISTRY 301. *Qualitative Organic Analysis.*

A continuation of the study of Organic Chemistry with emphasis on the identification and characterization of organic compounds by laboratory and instrumental methods. Lecture two hours per week. Laboratory four hours per week. Prerequisite: Chemistry 202. Credit 4 hours.

CHEMISTRY 305. *Physical Chemistry.*

An introduction to theory and application of thermodynamics, molecular kinetics, chemical kinetics and Quantum mechanics. Lecture three hours per week. Laboratory three hours per week. Prerequisite: Chemistry 203, Mathematics 204. Credit 4 hours.

CHEMISTRY 306. *Physical Chemistry.*

A continuation of Chemistry 305. Lecture three hours per week. Laboratory three hours per week. Prerequisite: Chemistry 305. Credit 4 hours.

CHEMISTRY 312. *Inorganic Chemistry.*

An advanced course in systematic inorganic chemistry considered from the standpoint of periodic law and supplemented by the study of selected topics on recent advances in the subject. Lecture three hours per week. Prerequisite: Chemistry 101-102. Credit 3 hours.

CHEMISTRY 314. *Instrumental Analysis.*

This course will include the theory and modern instrumental methods of analysis, including spectrophotometric, chromatographic and electro-analytical techniques. Lecture two hours per week. Laboratory four hours per week. Prerequisite: Chemistry 306. Credit 4 hours.

CHEMISTRY 315. *Biochemistry.*

This course deals with the processes common to plants and animals. Such topics as the chemical processes in photosynthesis and respiration will be treated in detail. Adequate time and treatment will be given to a discussion of the various food groups, organic catalysis, digestion, etc. Lecture three hours per week. Laboratory three hours per week. Prerequisite: Chemistry 202, 305. Credit 4 hours.

CHEMISTRY 401. *Undergraduate Research.*

This course is designed to give Chemistry majors an opportunity to conduct independent research, utilizing techniques in synthesis, analysis and applications of basic chemical theory. Open to Juniors and Seniors who show promise in the field; admission only by Department Chairman. Credit 4 to 6 hours by arrangement.

CHEMISTRY 402. Undergraduate Research.

A continuation of Chemistry 401. Credit by arrangement.

CHEMISTRY 403. Chemistry Literature.

This course has two main objectives: (1) to expose the student to contemporary chemical literature, and (2) to acquaint the student with those methods and approaches which will enable him to search past records for needed information in the profession of chemistry. Open to Juniors and Seniors. Credit 2 hours.

CHEMISTRY 405. Advanced Topics in Chemistry.

This course is designed to present majors with advanced topics in either Organic, Physical Inorganic, Biochemistry as recommended by the Department Chairman. Open to Juniors and Seniors who show promise in the field. Credit 2 hours.

CHEMISTRY 408. Inorganic Preparation.

This course consists of the preparation of various types of inorganic compounds with special attention to those which acquaint the student with techniques of experimental inorganic chemistry. Laboratory four hours. Prerequisite: Chemistry 102, 204. Credit 2 hours.

PHYSICAL SCIENCES**SCIENCE 201-202. Introduction to Physical Sciences.**

A general course through which the student will become acquainted with the physical phenomena about him and with methods of scientific inquiry through which an intelligent understanding of these phenomena may be attained. Credit 3 hours for each course.

**COMPUTER SCIENCE**

Computer Science offers courses in computer programming and computer systems analysis, information processing, and data center management. The two-year associate degree program concentrates heavily in the computer area and is highly vocationally oriented.

**ASSOCIATE IN APPLIED SCIENCE DEGREE
COMPUTER SCIENCE**

Computer Science offers an associate degree for students who plan careers in data processing and related computer activities. The objectives are to provide (1) an understanding of how computers operate; (2) a working knowledge of computer concepts, programming, and systems; (3) an experience with computers through in-service training; and (4) a foundation through basic courses for further college study.

Graduates of the associate degree program are equipped with training and experience for employment as programmers and systems analysts. To provide meaningful experience, Kentucky State not only operates a data center but maintains close relationship with several local computer installations.

CURRICULUM**FRESHMAN YEAR**

First Semester	Hours	Second Semester	Hours
C.S. 100—Introduction to Electronic Data Processing	3	C.S. 102—Programming II-FORTRAN	3
C.S. 101—Programming I-FORTRAN	3	C.S. 104—Applications	3
C.S. 103—Programming III-Report Program Generator	3	C.S. 102—Elective	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Math. 101—Elementary Functions from College Algebra	3	Math. 102—Trigonometric Functions and Linear Equations	3
or		or	
Math. 105—Freshman Mathematics I	3	Math. 106—Freshman Mathematics II	3
	<hr/> 15		<hr/> 15

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
C.S. 200—Systems Design and Analysis I	3	C.S. 211—Programming V-COBOL	3
C.S. 210—Programming IV-COBOL	3	C.S. 203—Special Electronic Data Processing Problems	3
C.S. 212—Programming VI-BAL	3	C.S. 206—Data Center Management	3
B.A. 261—Principles of Accounting	4	B.A. 262—Principles of Accounting	4
Elective (Advised)	3	Soc. 308—Introduction to Statistics	
		or	
		B.A. 311—Business Statistics	
		or	
		Ed. 440—Educational Statistics	3
		Elective (Advised)	3
	<hr/> 16		<hr/> 19

Total for Two Years: 65

COURSE DESCRIPTION

COMPUTER SCIENCE 100. *Introduction to Electronic Data Processing.*

Survey of basic computer concepts, hardware and operations; introduction of basic programming concepts and documentation standards used in various programming courses. Credit 3 hours.

COMPUTER SCIENCE 101. *Programming I—FORTRAN.*

Study of logic, sub-programs, and all basic statements used in writing FORTRAN IV programs with proper documentation. Credit 3 hours.

COMPUTER SCIENCE 102. *Programming II—FORTRAN.*

Continuation of Computer Science 101 with more advanced programming in arrays, functions, subroutines, special statistical applications, and commercial subroutine programming. Prerequisite: Computer Science 101. Credit 3 hours.

COMPUTER SCIENCE 103. *Programming III—Report Program Generator.*

Study of Report Program Generator (RPG) computer language, to write specifications for jobs utilizing input and output devices and proper documentation. Prerequisite: Computer Science 100. Credit 3 hours.

COMPUTER SCIENCE 104. *Applications.*

Survey of types of computer uses in industry and government; developments in information systems and survey of techniques employed by management utilizing computer technology. Prerequisite: Consent of instructor. Credit 3 hours.

COMPUTER SCIENCE 200. *Systems Design and Analysis I.*

Introduction to systems design and analysis techniques utilized in surveying, developing, and installing computer application systems, documentation of entire system and practice in preparing schedule, securing approvals and system installation. Prerequisite: Computer Science 100. Credit 3 hours.

COMPUTER SCIENCE 201. *Systems Design and Analysis II.*

Continuation of Computer Science 200 with emphasis on communication systems and further practice to design and analysis of more complicated systems. Prerequisite: Computer Science 200. Credit 3 hours.

COMPUTER SCIENCE 202. *Operating Systems—Software.*

Survey of current operative systems utilized in various types of computers, comparative analysis of operations systems, system generation techniques. Prerequisite: Computer Science 100 and/or consent of instructor. Credit 3 hours.

COMPUTER SCIENCE 203. *Special Electronic Data Processing Problems I.*

Survey of current computer developments in hardware, software, and applications. Emphasis in selected aspects of electronic processing in which specific problems are examined in depth. Prerequisite: Computer Science 100 and/or consent of instructor. Credit 3 hours.

COMPUTER SCIENCE 204. *Special Electronic Data Processing Problems II.*

Continuation of Computer Science 203. Prerequisite: Computer Science 203. Credit 3 hours.

COMPUTER SCIENCE 206. *Data Center Management.*

Study of data center management, organization and administration policies and practices, including scheduling of work, documentation standards, computer utilization and operations. Prerequisite: Consent of instructor. Credit 3 hours.

COMPUTER SCIENCE 207. *Teleprocessing—Time Sharing.*

Study of various approaches to teleprocessing and time sharing of large computer systems, practice in utilization of terminals for computer application. Prerequisite: Computer Science 100 or consent of instructor. Credit 3 hours.

COMPUTER SCIENCE 208. *Advanced Computer Techniques.*

Study of simulation, linear programming, and programming more sophisticated statistical techniques. Prerequisite: Computer Science 100 or consent of instructor. Credit 3 hours.

COMPUTER SCIENCE 209. *Advanced FORTRAN techniques.*

Study of FORTRAN IV programs in which more advanced scientific engineering, or mathematical programs are prepared. Prerequisites: Computer Science 101 or consent of instructor. Credit 3 hours.

COMPUTER SCIENCE 210. *Programming IV—COBOL.*

Study of basic aspects of COBOL language in which students secure experience in preparing COBOL programs. Prerequisite: Computer Science 100. Credit 3 hours.

COMPUTER SCIENCE 211. *Programming V—COBOL.*

Continuation of Computer Science 103 in which more complicated COBOL routines and techniques are introduced with more experience in preparing programs. Prerequisites: Computer Science 100 and Computer Science 103. Credit 3 hours.

COMPUTER SCIENCE 212. *Programming V-Basic Assembly Language.*

Study of basic assembly language (BAL) in which students prepare programs using program listings and other aids and learn to use efficient coding techniques. Prerequisite: Computer Science 100. Credit 3 hours.

DEPARTMENT OF EDUCATION— PSYCHOLOGY

The courses and curricula of the Department of Education and Psychology are designed with the following objectives in view:

1. To provide the general student as well as the prospective teacher:
 - (a) a knowledge of the process of human growth and development,
 - (b) an understanding of the educational process to which he is being subjected,
 - (c) an appreciation of education as a fundamental social institution,
 - (d) a knowledge of the requirements in the Commonwealth of Kentucky for obtaining teachers' certificates for the elementary and secondary levels and for supervisory and administrative posts.
2. To develop an understanding of the organization, support and functions of schools in a democracy.
3. To equip the student planning to teach to create the climate for and to utilize the skills necessary to the direction of learning of elementary or secondary pupils.

All courses are offered every year unless otherwise stated.

ADMISSION TO TEACHER EDUCATION

The following requirements apply to any student who is planning to qualify to teach on the elementary or secondary level.

1. Each student is required to file with the Committee on Teacher Education an application for admission to teacher education, on the official form provided, no later than the end of the sophomore year or during the semester in which he will have earned sixty semester hours; his application must be accompanied by a personal data form, containing a small photo of himself, and an autobiographical sketch of at least two pages in his own handwriting.

The Committee on Teacher Education encourages each student to make a searching comparison of himself to the following "Image of a Prospective Teacher."

An alert, resourceful person of sound and stable character who exemplifies the following basic traits: (1) a strong desire to learn, (2) a strong desire to become a good teacher, (3) faith in human beings, (4) a genuine interest in people, especially young people, (5) the ability to work well with others, (6) a saving sense of humor, (7) willingness to go beyond call of duty in hours of study and in school and community activities, and (8) willingness to be subjected to and to subject one's self to continuous critical appraisal.

2. The Committee will review each student's application and notify the applicant by letter that his application for admission to teacher education:
 - a. has been approved, subject to continued satisfactory progress; or
 - b. has been approved conditionally, subject to continued satisfactory progress, with the understanding that the minor deficiencies listed in the letter be corrected immediately; or
 - c. has been disapproved, with the suggestion that he apply at a later date when the major deficiencies listed in the letter have been corrected; or
 - d. has been disapproved, with referral for guidance concerning some other vocational choice.
3. Applicants who meet in full the following standards will be approved for admission to teacher education, subject to continued satisfactory progress.

Standard 1. The applicant must have a minimum of 60 semester hours of college credit.

Standard 2. Applicants must have an overall point average of 2.0 or above.

Standard 3. The applicant must have credit for English 101 and English 102 with a grade of "C" or above in each course.

Standard 4. The applicant must have a grade of "C" or above in each course taken in the Department of Education and Psychology.

Standard 5. The applicant must have credit for Human Growth and Development (Psychology 221, or Psychology 222, or Psychology 220, Human Growth and the Curriculum).

Standard 6. a. Prior to submitting an application for admittance into the Teacher Education Program, the applicant must have taken the tests provided for admittance into Teacher Education and made a score creditable enough to warrant the Teacher Education Committee's acceptance of him into the Teacher Education Program. Normally, these tests should be taken during the sophomore year.

b. Prior to submitting an application for admittance into the Teacher Education Program, the applicant must have taken the Minnesota Multiphasic Personality Inventory.

Standard 7. The applicant must have a clearance from the Office of the Dean of Students.

Standard 8. The applicant must have the recommendation of the Department of Education.

4. Applicants may be admitted conditionally with the following minor deficiencies, subject to immediate correction and continued satisfactory progress:
 - a. An unsatisfactory autobiographical sketch.
 - b. A conditional score on the tests provided for admittance into the Teacher Education Program.
 - c. An incomplete personal data form.
5. The Committee may withdraw a student from teacher education at any time based upon one or more of the following:
 - a. Unsatisfactory academic progress.
 - b. Disciplinary action by the institution against the student because of conduct which would indicate character weaknesses of such a nature as to make him unfit for the teaching profession.
 - c. Failure to remove deficiencies which were listed at the time of conditional admission to teacher education.
6. The student may withdraw officially from the teacher education program by proper written notice to the Chairman of the Committee.
7. An applicant who has been disapproved for admission to the teacher education program will be permitted to file a supplementary application during the first semester of the junior year, or that semester during which a total of seventy-five semester hours will have been attained, provided all deficiencies will have been removed by that time. The student will not be permitted to file a third application if rejected by the Committee a second time.
8. No student will be admitted into the program of teacher education after the first semester of the junior year. Exception to this rule will be made only for those students who transfer to Kentucky State after earning seventy-five to ninety hours of acceptable credits elsewhere. Such students must obtain the permission of the Vice President for Academic Affairs in order to apply. Such an applicant must meet all of the standards specified above in order to obtain Committee approval.
9. Kentucky State, operating through the Committee, retains the right to change, modify, or add to the above requirements at any time. The student should check with the Chairman of the Department of Education concerning the most recent regulations.

ADMISSION TO SUPERVISED TEACHING

1. Each student who plans to qualify to teach on the elementary or secondary level is required to file with the Committee on Teacher

Education an application for supervised teaching no later than the end of the junior year accompanied by a properly completed form on personal data. His application shall designate the specific nine weeks period during which he plans to do supervised teaching.

2. The applications of students from each department will be reviewed by the Committee, which for this purpose shall be enlarged to include on a temporary basis, if he is not already a member of the Committee, the chairman of the department concerned, who will thus make a sixth member while the applications from his department are being considered.
3. After review of the student's application the Committee will notify the applicant by letter that his application for admission to supervised teaching:
 - a. has been approved, subject to completion of all prerequisites and the attainment and maintenance of the required standard for admission at the time he is scheduled to enroll for the course in supervised teaching; or
 - b. has been disapproved, with a statement of the reasons for disapproval.
4. Each applicant who meets in full the following standards will be approved for admission to supervised teaching, subject to the completion of all prerequisites and maintenance of the required standards at the time he is scheduled to enroll in the course in supervised teaching.
 - Standard 1. The applicant must have a minimum of 90 semester hours of college credit.
 - Standard 2. The applicant must have an overall point average of 2.20 or above.
 - Standard 3. The applicant must have an average of 2.20 or above in his major courses.
 - Standard 4. The applicant must have a grade of "C" or above in each professional course which is a prerequisite to student teaching.
 - Standard 5. The applicant must have completed a course in Human Growth and Development (Psychology 221, or Psychology 222, or Psychology 220, Human Growth and the Curriculum) with a grade of "C" or above.
 - Standard 6. The applicant must have credit in English 211 and 212—Introduction to Literature with a grade of "C" or above in each course.
 - Standard 7. The applicant must have the recommendation of his major department.

Standard 8. The applicant must have the recommendation of the Department of Education and Psychology.

Standard 9. The applicant must have clearance from the Dean of Students.

Standard 10. The applicant who is majoring in a secondary education program must have satisfactorily completed a ten day Field Experience.*

5. The student must be approved for student teaching at least by the semester prior to the one during which he hopes to teach.

6. In the event a student, who has been approved for admission to supervised teaching, does not complete all prerequisites or maintain the required standards for admission at the time he is scheduled to enroll for the course in supervised teaching, his case shall be subject to review by the Committee before he is permitted to enroll for student teaching at a later date.

*At the end of the sophomore year, students who plan to do supervised teaching at the secondary level are required to visit a school of their choice for ten full days (60 school hours) to engage in a Field Experience Program after the end of the school year. While engaged in this activity such students may not be enrolled in any course or involved in any other project. This program is administered by the office of Student Teaching.



CURRICULUM IN ELEMENTARY EDUCATION

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Foreign Language Elective	3	Foreign Language Elective	3
Ed. 101—Art Education	3	Ed. 102—Public School Art	3
Ed. 100—Freshman Orientation	½	P. Ed. 102—Orientation in P. Ed.	1
P. Ed. 101—Orientation in P. Ed.	1	Ed. 103—Intro. to Teaching	½
Ed. 105—Assembly	½		
	17		16½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Sci. 201—Intro. to Physical Sci.	3	Soc. 102—Prin. of Geography	3
Soc. 201—Intro. to Social Sci.	3	Sci. 202—Intro. to Physical Sci.	3
Ed. 116—Penmanship and Manuscript Writing	1	Soc. 202—Intro. to Social Sci.	3
Psy. 200—General Psychology	3	Eng. 202—Children's Literature	3
P. Ed. 221—Health and Safety Ed.	2	Psy. 221—Human Develop. & Psy I	3
P. Ed. 201—Recreational Activities	1	P. Ed. 202—Recreational Activities	1
Eng. 103—Fundamentals of Speech	3		
	19		19

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 211—Geography of N. A.	3	Ed. 213—Teaching of Lang. Arts	3
Ed. 305—Fund. of Elem. Educ.	4	Soc. 305—Contemp. Soc. Prob.	3
Math. 103—Foundations of Math.	3	Math. 104—Foundations of Math.	3
Mus. 333—Music Fundamentals	3	Mus. 334—Music for Elem. Teachers	3
P. Ed. 141—Beginning Folk and Square Dancing	2	Ed. 214—Teaching of Soc. Studies	3
Ed. 212—Teaching of Reading	3	Econ. 211—Prin. of Economics	3
	18		18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
*Elective	3	Ed. 412—Admin. of Public Schools	3
**Elective	3	Ed. 400—Supervised Teaching	8
Math. 314—Teacher's Arithmetic	3	Ed. 423—Tchg. Sci. in Elem. Sch.	3
Ed. 424—Foundations of Educ.	3		
Ed. 401—Tests and Measurements	3		
**Elective	3		
	18		14

*For one elective, the student is required to select one of the following: Philosophy 200, Introduction to Philosophy; Philosophy 210, Introduction to Logic; Philosophy 320, Moral Philosophy.

**For the remaining two electives, the student may elect from the following educational courses: Educ. 442, Audio-Visual Education; Educ. 403 Philosophy of Education; Educ. 402, Classroom Guidance.

COURSE DESCRIPTION

Students are required to observe actual classroom situations in the following courses: Business Ed. 400, Business Ed. 402, Ed. 302, Ed. 212, Psy. 221, Psy. 222, Psy. 220, Ed. 410, Ed. 422, Ed. 423, Ed. 452, Math 314, Music 334, (301), and Music 332 (302).

EDUCATION 100. *Freshman Orientation.*

Principles underlying successful study and use of the library; orientation in the college life and practices; methods of mental efficiency; a help class for freshmen. Required of all Freshmen. Credit ½ hour.

EDUCATION 105. *Freshman Assembly.*

A technique used in the continuing College Orientation Process; to assist the students to develop an appreciation of the various types of college educational experiences in addition to classroom and classroom related activity. Credit ½ hour.

PSYCHOLOGY 200. *General Psychology.*

A first course in human behavior. Among the topics covered are: heredity and environment, development of the individual, motivation, emotion, the senses, perception, and personality. Special attention is given to the learning process. Prerequisite: Sophomore standing or permission of the Department of Education and Psychology. Credit 3 hours.

PSYCHOLOGY 201. *Educational Psychology.*

An application of psychology to the problems of learning and teaching. Prerequisite: Psychology 200. Credit 3 hours.

EDUCATION 305. *Fundamentals of Elementary Education.*

A basic course in the following phases of elementary education: subject curricula, teaching emphasis, methods of teaching, and lesson and unit planning; developing classroom discipline, mental hygiene, and effective study techniques; Teacher's Kentucky Register of Attendance; the use of community agencies in the improvement of teaching; and observing and working with children and youth in school and agency situations. Credit 4 hours.

EDUCATION 401. *Tests and Measurements.*

A study of classroom and individual testing as a measure of school achievement in subject matter. The course will place emphasis upon application and interpretation of statistical methods to both standardized and teacher-made tests as these are used for evaluative purposes. Prerequisites: Psychology 200, Psychology 220, 221, or 222. Credit 3 hours.

EDUCATION 402. *Classroom Guidance.*

A study of the classroom setting as a means of promoting an instructional program which will take into account sound mental health principles, basic laws and principles of learning, and respect for individual development and personality. Credit 3 hours.

EDUCATION 403. *Philosophy of Education.*

A study which will include the meaning and scope of philosophy as it directs

educational practices, consideration of contrasting educational philosophies and conceptions of education, consideration of the nature of man, society, and the thinking process, and a consideration of aims and values as these relate to the operation of society and the individual. Credit 3 hours.

EDUCATION 412. *Administration of the Public Schools.*

The principal, the staff, the pupil, program of studies, schedules, community relationships, records and reports, articulation, library, plant, finance, and the aims of public school education are the general themes studied in this course. Prerequisite: Junior standing. Credit 3 hours.

EDUCATION 424. *Foundations of Education.*

An intensive study of those influences—in the humanities, the natural and social sciences—which have contributed to the development of education in the U.S. and which will contribute to the solution of the issues which confront it today. Prerequisite: Senior standing and Psychology 221, 222, or 220 and Education 412. Credit 3 hours.

EDUCATION 432. *Problems in Modern Education.*

Special projects in modern education. This course may be substituted for either of the courses in Supervised Teaching by mature students who have three or more years of teaching experience in approved elementary or secondary schools. Offered upon demand. Credit 2-8 hours.

EDUCATION 440. *Educational Statistics.*

An application of statistical and graphical methods of educational data. Prerequisite: Consent of instructor. Offered upon demand. Credit 3 hours.

EDUCATION 433. *Alcoholism and Other Problems of Alcohol.*

This course is designed to present the essential concepts, theories and descriptive and inferential research findings concerning the uses and abuses of alcohol as determined by socio-cultural pattern and expectancies and physiological and psychological needs of the individual. Special emphasis is given to the psychological aspects of alcoholism; the dynamics of addiction and the social, economic, legal and physiological concerns of the alcoholic and his family. A survey of theories and techniques of treatment are presented by film, case studies and classroom interviews of former alcoholics. Credit 3 hours.

EDUCATION 442. *Audio-Visual Education.*

"Instructional Materials". Offers an opportunity for students to understand the relevancy of instructional media to curriculum and pupil needs and affords training in operating equipment. Credit 3 hours.

ELEMENTARY EDUCATION

ART EDUCATION 101. *Arts & Crafts I.*

A practical course involving the use of tools and various materials suitable for classroom use. Art is considered as closely integrated with all school work. Suggested activities are evaluated and methods of presentation are discussed. Typical units are worked out. Activities: making decorative papers, simple bookbinding, clay modeling, weaving, and blockprinting. Credit 3 hours.

PUBLIC SCHOOL ART 102.

The course, as taught, will deal with the two major themes, appreciation and creation, with emphasis on the appreciative angle. Lettering, color theory and application, laws of design and their application, and picture study will be stressed. As a part of the development of their various problems in poster making, book covers, color arrangement, etc., the student learns how and when to use to the best advantage the following media: pencil, crayon and water colors. An Introductory Course. Credit 3 hours.

EDUCATION 116. Manuscript and Penmanship Writing.

This course is designed to acquaint prospective elementary school teachers with a form of print writing used in primary grades, and with a standard system of cursive writing used in grades 3-8, for the purpose of enabling the prospective teacher to develop writing proficiency in each suitable for instructional purposes in the school. Credit 1 hour.

EDUCATION 205. The Fundamentals of Kindergarten Education.

A study of the curriculum, materials, and organization of the kindergarten. Important topics are creative experiences, parent education, understanding of families, community resources, planning, and evaluation. Observation and participation with children are included. Credit 3 hours.

EDUCATION 212. Teaching of Reading.

A method course designed to point out the knowledge and skills necessary for successful work as a teacher of reading in both the primary and grammar grades. Actual practice is given in teaching children to read. The problem of measuring progress is a distinct part of the course. Prerequisite: Education 305. Credit 3 hours.

EDUCATION 213. Teaching of Language Arts.

A study of content, methods and materials for teaching the following language arts areas: listening, oral and written communication, spelling, and handwriting. The course will also include investigations into studies relative to trends in program emphasis and content, and the evaluation of teaching methods. Credit 3 hours.

EDUCATION 214. Teaching of Social Studies.

Exploration of the content of the social studies program at the elementary school level, methods of teaching, and investigations into various modern curriculum designs in social studies. Credit 3 hours.

PSYCHOLOGY 220. Human Development and the Curriculum.

A study of the principles of human growth and development from birth through adolescence, the physical and social characteristics of each developmental level, and problems of adjustment created through interaction with family, social, and school environments. Credit 3 hours.

PSYCHOLOGY 221. Human Development and Psychology I.

This course is designed to present the essential concepts, findings and interpretations from psychological investigations concerning growth and development

from birth through childhood. Special attention is given to biological foundations for human growth and development, cultural factors in development, learning and the educative process, and personality. Students are taught how to observe and to interpret the behavior of children, how to foster human relations for a democratic society, and to cultivate a sympathetic and understanding attitude toward child life, through first hand study of children. Prerequisite: Psychology 200. Credit 3 hours.

EDUCATION 223. The Teacher and the Growth and Development of the Pre-School Child.

Emphasis is on the physical, emotional, mental, and psychological growth of the child under the age of six, and the kindergarten teacher's role in working with such a child. Credit 3 hours.

EDUCATION 304. Introduction to Teaching the Disadvantaged in the Elementary School.

The following topics will be considered: Knowing the disadvantaged learner; understanding problems encountered in learning; techniques and strategies of educating the disadvantaged. Observations required. Credit 3 hours.

EDUCATION 400E. Supervised Teaching in Elementary Schools.

Admission to qualified seniors by application to Committee on Teacher Education during preceding semester. Credit 8 hours.

EDUCATION 422. Problems of Teaching in Elementary Schools.

The following topics will be considered: Ways of discovering teaching problems; effective ways and means of discovering suitable materials for working on problems; ways of using teaching materials; techniques of evaluating growth; special problems of the rural community; the use of community agencies as they are related to the improvement of teaching; actual experiences in observing and working with children in the laboratory school. Prerequisite: Senior standing in Elementary Education curriculum. Credit 3 hours.

EDUCATION 423. Teaching Science in the Elementary Schools.

Methods of teaching basic scientific facts and the role of science in modern day living. Prerequisite: Senior standing in Elementary Education curriculum. Credit 3 hours.

SECONDARY EDUCATION**PSYCHOLOGY 222. Human Development and Psychology II.**

This course deals with the various aspects of growth and development of the individual beginning with the onset of adolescence. Special attention is given to the process of growth of the whole individual in the common culture of the total environment, characteristic behavior of adolescents, study of the techniques of working with adolescents, study of the techniques of analyzing the needs of adolescents, adolescents relationships with others, and actual experience in observing and working with adolescents. Prerequisite: Psychology 200. Credit 3 hours.

EDUCATION 302. Vocational Education.

A study of the principles underlying vocational education with emphasis upon the relation of vocational education to the community. Reference is made to the application of these principles to the vocational situation in Kentucky. Offered upon demand. Prerequisite: Psychology 222. Credit 3 hours.

PSYCHOLOGY 303. Psychology of Personality.

Deals with the dynamics and determinants of personality development together with a description of personality theories, the biological basis of motivation, attitudes, and values; also with the social, economic, and educational factors involved. Prerequisite: Psychology 200—General Psychology. Offered in alternate years. Credit 3 hours.

EDUCATION 310. Introduction to Exceptional Education.

An introductory course which offers a compact survey of the major areas of exceptionality: children with intellectual limitations (educable and trainable mentally retarded), the intellectually superior (the gifted), behavior problems (emotionally disturbed and socially maladjusted), speech problem cases, impaired hearing cases, impaired vision cases, and pupils with neurological and nonsensory physical impairment (crippled and chronic health cases). Credit 3 hours.

EDUCATION 311. Educational Evaluation of Exceptional Children.
Credit 3 hours.**EDUCATION 321. Principles of Secondary Education.**

The purpose is to present a brief, suggestive discussion of the underlying philosophy of secondary education. The larger aims and problems of the high school are given practical treatment. Prerequisite: Junior Standing. Offered upon demand. Credit 2 hours.

EDUCATION 400-H.S. Supervised Teaching in High School.

Open to qualified seniors by application to Committee on Teacher Education during preceding semester. Credit 8 hours.

EDUCATION 410. Methods of Teaching High School Subjects.

This course is divided into sections 410 E (English), 410 HE (Home Economics), 410 IA (Industrial Arts), 410 M (Mathematics), 410 PE (Physical Education), 410 MFL (Modern Foreign Language), 410 S (Science), 410 SS (Social Science), as listed below. For each of the sections except 410 HE, the prerequisites are Education 412, 452, consent of the major advisor and admission to Teacher Education. Education 452 is not a prerequisite to section 410 HE (Home Economics).

EDUCATION 410-E. Methods of Teaching English.

Credit 3 hours.

EDUCATION 410-HE. Methods of Teaching Home Economics.

Credit 4 hours.

EDUCATION 410-IA. Methods of Teaching Industrial Arts.
Credit 3 hours.**EDUCATION 410-M. Methods of Teaching Mathematics.**
Credit 3 hours.**EDUCATION 410-MFL. Methods of Teaching Modern Foreign Languages.**
Credit 3 hours.**EDUCATION 410-PE. Methods of Teaching Physical Education.**
Credit 3 hours.**EDUCATION 410-S. Methods of Teaching Science.**
Credit 3 hours.**EDUCATION 410-SS. Methods of Teaching Social Sciences.**
Credit 3 hours.**EDUCATION 452. Fundamentals of Secondary Education.**

This course provides a graduated preparation for supervised teaching on the secondary level. Study and practice are provided in organizing materials for class work as the prospective student-teacher is acquainted with general methods of high school instruction. The historical, philosophical, and curricular development of the American secondary school are touched upon as they relate to modern practices. Trends of significance are looked at. Prerequisite: Psychology 222 and admission to Teacher Education. Course should be taken during the semester immediately preceding student teaching or the semester of student teaching. Credit 3 hours.

EDUCATION 460. Introduction to Adult Basic Education.

A survey of Adult Basic Education designed to develop a philosophy of Adult Basic Education and an understanding of the undereducated adult. Emphasis will be placed on the adult learner and his needs, individualized instruction, Adult Basic Education materials, Adult Basic Education testing, the Adult Basic Education teacher, and current opportunities in Adult Basic Education. Credit 3 hours.

EDUCATION 461. Individualized Instruction in Adult Basic Education.

A laboratory course designed to familiarize students with the methods used in individualizing, and how these methods can be instituted in the classroom. Students will receive practical experience in utilizing a variety of materials and approaches to individualization. Credit 3 hours.

EDUCATION 462. Adult Education in Society.

An overview of adult education in America including historical background, scope and nature of the field, and psychology of the adult learner with an emphasis on recent research in the area. Credit 3 hours.

DEPARTMENT OF ENGLISH

OBJECTIVES:

The objectives of the Department are:

1. To equip all students with proficiency in the fundamentals of written and spoken English and with appreciation for the power and beauty of creative literature.
2. To foster inter-departmental cooperation in a continuing program for the cultivation of good language habits among students.
3. To train prospective teachers of English and to inculcate in them a curiosity about the problems of the profession and an interest in the journals that treat these problems.
4. To help students majoring in English lay a foundation for advanced study.

MAJOR PROGRAM:

English majors must complete a minimum of 24 hours in English *above* the sophomore level, including English 322, 323, 324, and 411, as well as 9 hours of electives in 300- or 400-level English courses. English 410-E is required only of students who plan to enroll in the Teacher Education Program. Another advanced course in English may be substituted for it. The course in English methods (Education 410-E) does not count toward the major in English; nor does Children's Literature (English 202).

Students who have earned less than C in two English courses below the junior level will not be permitted to major or minor in English, and each student must have the approval of the Chairman of the English Department before entering upon his studies as an English major or minor.

All students are required to earn C or above in English 100, 101, and 102. English majors and minors must earn C or above in *all* English courses.

MINOR PROGRAM:

A minor program in English consists of the following courses above the freshman level: English 211, 212, 322 (or 323), 324, 411, and a three-hour elective in a 300- or 400-level English course.

READING CLINIC:

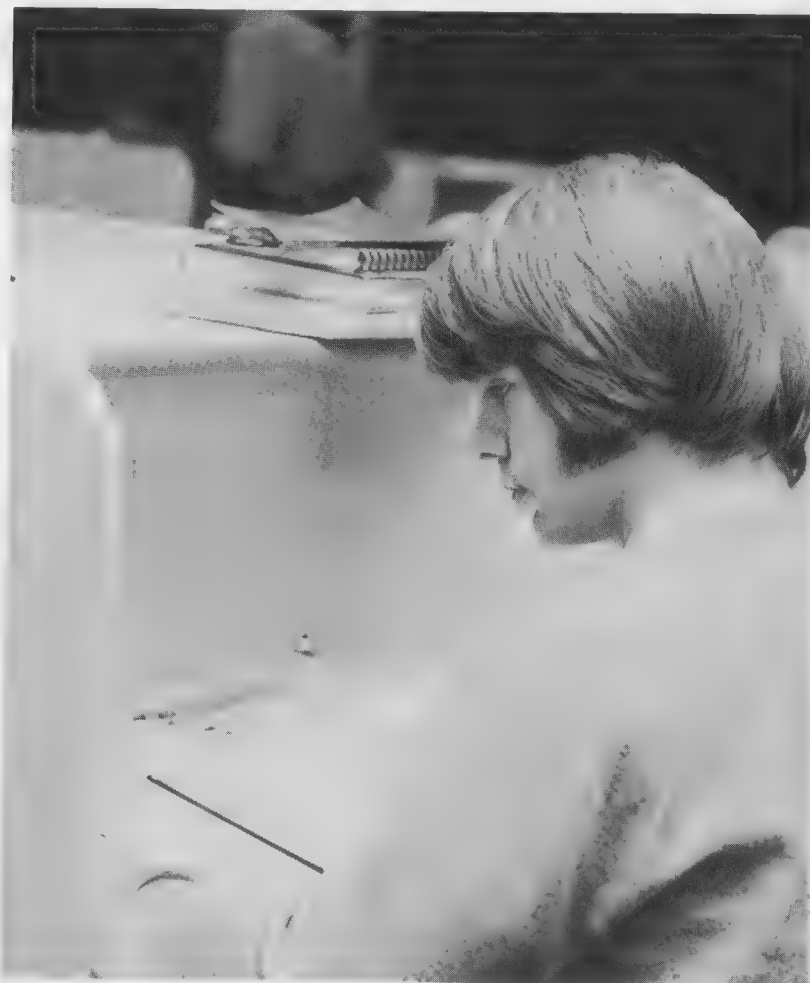
A course required of incoming freshmen whose performance on the Reading Test given during Freshman Week warrants supplementary reading instruction. Comprehension, rate, vocabulary and study skills studied in depth. Small group instruction and highly individualized attention are provided for the students' self-improvement. Although the course is non-credit, its successful completion is required before a final grade can be earned in English 100 or English 101.

MINOR PROGRAM IN SPEECH AND THEATRE ARTS:

A minor program in Speech and Theatre Arts consists of 24 hours of course work in the area of Speech and Theatre and participation in Little Theatre productions. According to his specific needs, the student may elect to concentrate in either the area of Speech or the area of Theatre Arts and will be expected to follow the prescribed course outline established for him by the Speech and Theatre Advisory Committee.

A student must have the approval of the Speech and Theatre Advisory Committee before entering the minor program in Speech and Theatre Arts.

At the present time, students with a major in English cannot minor in Speech and Theatre Arts.



CURRICULUM FOR ENGLISH MAJORS

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Comp.	3	Eng. 102—English Comp.	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Foreign Language Elective	3	Foreign Language Elective	3
P.Ed. 101—Orientation in P.Ed.	1	P.Ed. 102—Orientation in P.Ed.	1
Ed. 100—Freshman Orientation	1/2	General Elective	3
General Elective	3		
Ed. 105—Assembly	1/2		
	17		16

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Soc. 201—Intro. to Soc. Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Sci. 201—Intro. to Phys. Sci.	3	Psy. 222—Human Develop. & Psy. II	3
Math. 100—Fundamentals of Math.	3	P.Ed. 221—Health and Safety	2
Psv. 200—General Psychology	3	Elective in fine arts (music, art, or drama)	3
P.Ed. 201—Recreational Activities	1	P.Ed. 202—Recreational Activities	1
Eng. 201—Public Speaking	2	General Elective	3
	18		18

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Eng. 322—Foundation of Eng. Literature	3	Eng. 323—Eng. Lit. from Johnson	3
Eng. 324—Survey of Amer. Lit.	3	Ed. 452—Fund. of Secondary Ed.	3
*Econ. 211—Prin. of Economics	3	*Soc. 305—Contemp. Soc. Prob.	3
Elective in 2nd. Major or Minor	6	Electives in English for Majors	6
Elective in Physical Activity	1	Elective in 2nd Major or Minor	3
	16		18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Eng. 411—Shakespeare	3	**Ed. 410E—Meth. of Tchg. Eng.	3
Eng. 410—Adv. American Grammar	3	**Ed. 412—Adm. of Pub. Schools	3
*Phil. 200—Intro. to Philosophy	3	Elective	3
Elective in English for Majors	3	**Ed. 400—Supervised Teaching	8
Elective in 2nd Major or Minor	6		
	18		17

*See advisor for names of other courses that may be substituted for Principles of Economics, Contemporary Social Problems, and Introduction to Philosophy.

**Required only of persons registered in the Teacher Education Program.

English 103 (Fundamentals of Speech) can be substituted for English 201 (Public Speaking).

COURSE DESCRIPTIONS

ENGLISH 100. *Fundamentals of English.*

Required of all Freshmen whose scores on the English Placement Test do not warrant registration in English 101. An effort to get at the fundamentals of language through careful listening, speaking, and writing. Credit 3 hours.

ENGLISH 101. *English Composition and Rhetoric.*

Required of all students who have earned acceptable marks on the English Placement Test. Emphasis is placed on command of the fundamentals of language that will be adequate for the writing of clear and effective sentences and paragraphs in standard English. Prerequisite: a passing grade on the English Placement Test or in English 100. Credit 3 hours.

ENGLISH 102. *English Composition and Rhetoric.*

Continuation of English 101, with the same attention to fundamentals. Several weeks are devoted to the preparation of a research paper. Prerequisite: English 101. Credit 3 hours.

ENGLISH 103. *Fundamentals of Speech.*

A beginning course designed for students who plan to pursue advanced work in speech and drama or for others who desire a general introduction to the vital role of spoken communication. The utilitarian character of speech is emphasized, along with competence in everyday discourse. Credit 3 hours.

ENGLISH 201. *Public Speaking.*

A course open to students who desire improvement in techniques for effective speaking in public. Concentration on composition of specific types of public speeches and practice in delivery. Prerequisites: English 101 and 102. Credit 2 hours.

ENGLISH 202. *Children's Literature.*

A study of the literature which is especially suitable for use in the elementary grades. Emphasis upon techniques of presenting this literature to young children. Prerequisites: English 101 and 102. This course does not count toward a major or minor in English. Credit 3 hours.

ENGLISH 206. *Voice and Phonetics.*

A basic course offered to acquaint the student with the social, physiological, psychological, physical, phonetic, and linguistic bases of speech as they apply to any and all areas of oral communication. No attempt is made to emphasize any particular sphere such as Public Speaking, Interpretation, Drama, Debate, etc., but exposure to all forms of oral communication is attempted, and ample exercises are provided to test the student's skills in these various areas. Credit 3 hours.

ENGLISH 211. *Introduction to Literature.*

An introduction to the understanding and enjoyment of the types of literature: fiction, drama, poetry, essays. Prerequisites: English 101, 102. Required of all Sophomores. Credit 3 hours.

ENGLISH 212. *Introduction to Literature.*

Continuation of English 211, with increased emphasis upon the reading of certain book-length masterpieces that are representative of the types studied in the preceding course. Prerequisites: English 101, 102, and 211. Required of all Sophomores. Credit 3 hours.

ENGLISH 301. *Romanticism.*

The principles and ideas of Romanticism as expressed in the chief English writers of poetry and prose from 1798 to 1832. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 303. *Victorian Literature.*

The works of the principal authors of the Victorian era in relation to the political, intellectual, and social background of the period. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 304. *Problems of Voice Training.*

Designed to teach students how to detect and eliminate functional defects in speech and voice and to become aware of such handicaps in the speech of other people. Intensive drills and emphasis upon the formulation of corrective procedures. Prerequisites: English 101 and 102. Credit 2 hours.

ENGLISH 305. *Introduction to the Theatre.*

This course aims to expose the beginning student to the principal areas which comprise theatre study, from dramatic structure and criticism to practical production techniques. Background for students expecting to continue their studies in the theatre and for others wishing to broaden their education in the humanities. Prerequisite: English 211. Credit 3 hours.

ENGLISH 307. *Modern Drama.*

An analytical study of dramatic literature beginning with Ibsen and continuing through contemporary play forms. Designed to give the student an understanding of the evolution of play structure as it occurs in representative plays of the major contributing playwrights within this period. Prerequisite: English 211. Credit 3 hours.

ENGLISH 313. *Milton.*

A study of Milton's principal poetical works and a few selections from his prose. Offered in alternate years. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 321. *Public Discussion and Debate.*

Designed to provide experience in the techniques of argument and discussion. Offered in alternate years. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 322. *The Foundations of English Literature.*

Major works by British authors from the Old English Period to the Age of Johnson and a consideration of the critical, intellectual, and historical background of each literary period included. Prerequisites: English 211 and 212. Required of all students majoring in English. Credit 3 hours.

ENGLISH 323. *English Literature from the Age of Johnson to Recent Times.*

Continuation of English 322. Required of students majoring in English. English Minors must take either this course or the preceding one (English 322). Credit 3 hours.

ENGLISH 324. *Survey of American Literature.*

A chronological study of the major American writers, with due emphasis upon political, social, and literary movements and tendencies. Prerequisites: English 211 and 212. Required of all students majoring in English. Credit 3 hours.

ENGLISH 331. *Dramatic Interpretation and Acting.*

Appreciation, interpretative reading, and acting of scenes from plays representative of the various forms of drama. Especially recommended for those who plan to teach English. Offered in alternate years. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 332. *Journalism.*

Theoretical and practical work in gathering, organizing and writing news. Discussion and critical evaluation of current journalistic techniques. Offered in alternate years. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 333. *Oral Interpretation.*

Designed to equip the student with techniques for effectively interpreting such literature as the Bible, the classics, children's literature, dramatic literature, and poetry. Emphasis on oral interpretation as a teaching technique and as an entertainment medium. Prerequisites: English 103 or 206. Credit 3 hours.

ENGLISH 341. *The English Novel.*

The study of a few representative novels by English writers from the time of Defoe to the contemporary period. Offered in alternate years. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 342. *Stage Craft.*

Practical study of the planning, designing, and construction of stage setting, lighting equipment, and properties; and a study of the making of costumes. Offered in alternate years. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 352. *Contemporary Literature.*

A study of the prose and poetry of England and America since 1900. Offered in alternate years. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 401. *Seminar in Speech and Theatre.*

Designed to encourage independent reading and research in specifics in speech, theatre, and dramatic literature. The student will be credited with from 2-4 hours, dependent upon the extent of assigned work. Prerequisite: Consent of instructor. Credit 2-4 hours.

ENGLISH 409. *Literature of the American Negro.*

A consideration of some of the principal essays, poems, plays, short stories, and novels written by American Negroes from Phillis Wheatley to James Baldwin. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 410. *Advanced American Grammar.*

A study of the growth of English grammar in America, with emphasis upon its linguistic structure and historical changes. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 411. *Shakespeare.*

Analytic study of Shakespeare's principal plays, with some emphasis upon the Elizabethan background. Required of all students majoring or minoring in English. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 412. *History of the English Language.*

The major facts concerning the place of English among the languages of the world and the history of its development from the beginning to the present time. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 421. *Play Directing.*

Study and practice in the theory and problems of stage directing. Prerequisite: English 331 or 342. Offered in alternate years. Credit 3 hours.

ENGLISH 432. *History of the Theatre.*

Designed to give the student a knowledge of dramatic history in relation to the problems of staging, of the physical theatre and of some phases of written drama. Offered in alternate years. Prerequisites: English 211 and 212. Credit 3 hours.



DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION

The Department of Health and Physical Education is organized to perform the following:

1. To prepare students to teach Health Education, Physical Education, Safety Education, direct recreational programs in public and private agencies and institutions.
2. To provide training for future use by those who plan to pursue careers in Physical Medicine, such as Physical Therapy, Corrective Therapy, Recreational Therapy, and Occupational Therapy.
3. To provide a sound foundation for graduate study in Health and Physical Education.

Students in Physical Education will take P. Ed. 103, 104, 203, 204, and 221. The separate courses for the major student will satisfy his requirements in physical education and aid in the development of a wide variety of necessary skills and a high level of physical fitness.

PROFESSIONAL HEALTH, PHYSICAL EDUCATION, AND RECREATION

Students selecting a major in these areas generally do so because they expect to enter these fields as teachers or coaches. Kentucky State enrolls students from widely differing backgrounds outside of Kentucky and inside Kentucky. Such differing backgrounds, individual needs and future outlooks demand that a varying extent of opportunities for concentration in major fields and minor fields be offered. Several varieties of curricular approaches are offered to the student.

All students who enroll for the 48-hour major are expected to receive teaching certificates. Such students must meet the requirements of the Teacher Education Program.

All Physical Education majors (48 or 36 hours) are expected to enroll in four semesters of (2 credit hours) activity courses *after* completion of 103, 104, 203, 204. Intramural participation may be substituted for any of the final four semesters of activity requirement.

It is important that majors or minors maintain close consultation with the Department Chairman or advisors at all times.

The student may select from the following:

1. Area of concentration (48 hours) includes courses in physical education and health education. No minor is possible with this major. The curriculum as presented in the Catalogue is for a 48 hour major.
2. Major in Physical Education and Health—thirty-six hours—requires a minor (18 hours) from any area offering minors in the Institution's curriculum, including Health Education.

REGULATIONS FOR UNIFORMS

Students enrolled in required physical education activity courses are required to provide themselves with clothing listed below. This apparel may be secured at the Bookstore. All majors in Health and Physical Education are required to purchase regulation uniforms as designated by the Department of Health and Physical Education.

MEN: One white "T" shirt, one pair of green shorts, athletic socks, one pair of gymnasium shoes, one pair of swimming trunks, one pair of locker room sandals, one athletic supporter.

WOMEN: One regulation gymnasium suit, athletic socks, one pair of gymnasium shoes, one swimming suit, one pair of locker room sandals, one swimming cap. Modern Dance 213 and 214—Black leotards and black tights.

SERVICES COURSES (For Men and Women)

A total of four semesters in the required (service) courses will satisfy the Institution's requirement for required physical education.

REQUIRED PHYSICAL EDUCATION

The requirement for all non-physical education major students is two years (2 credit hours) of successful completion of physical education activities. This requirement may be satisfied by passing any of the courses in the required program that will total up to two semesters. Those of exceptional skill as shown by scoring high in skill tests may be granted permission by the department to satisfy this requirement by participation in specified intramural activities.

The required program aims to teach a variety of useful recreational skills for leisure time use. The aim also is to develop a desire in the student to maintain a high fitness level through well-regulated physical activity.

INTRAMURALS

The Physical Education Department conducts a program of intramural sports for both men and women students. Opportunities are provided for all students to participate in competitive sports and recreational activities.

FORTY-EIGHT HOUR MAJOR

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 103—Life Science	4	Biol. 104—Life Science	4
P.Ed. 111—Intro. to Phys. Ed.	3	P.Ed. 221—Health & Safety Ed.	2
P.Ed. 105—Beginning Swimming OR		P.Ed. 108—Beginning Swimming OR	
P.Ed. 107—First Aid & Accident Prevention	1	P.Ed. 107—First Aid & Accident Prevention	1
P.Ed. 141—Beginning Folk & Square Dance	2	P.Ed. 142—Advanced Folk & Square Dance	2
Ed. 100—Freshman Orientation	1/2	P.Ed. 104—Fund. of Phys. Ed. Activities	1
P.Ed. 103—Fund. of Phys. Ed. Activities	1	P.Ed.—Electives or Humanities—Communications Options	3
Ed. 105—Assembly	1/2		
	18		16-19

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 103—Fundamentals of Speech	3
Soc. 201—Intro. to Social Science	3	Soc. 202—Intro. to Social Science	3
Sci. 201—Intro. to Physical Science	3	*Math. 100—Fund. of Math.	3
Psv. 200—General Psychology	3	Psv. 222X—Hum. Dev. & Psy. I & II	3
P.Ed. 213—Modern Dance Tech.	1	P.Ed. 214—Modern Dance Comp.	1
P.Ed. 232—Advanced Swimming	1	P.Ed. 204—Adv. Fund. of Phys. Ed. Act.	1
P.Ed. 203—Adv. Fund. of Phys. Ed. Act.	1		
Options (Six Hours Total)	16-19	Options (Six Hours Total)	16-19
a. Fine Arts (one course is required)		a. Fine Arts (One course is required)	
Music 221—Music Apprec.	2	Music 222—Music Apprec.	2
b. French 101—Elem. French	3	b. French 102—Elem. French	3
Spanish 101—Elem. Spanish	3	Spanish 102—Elem. Spanish	3
German 101—Elem. German	3	German 102—Elem. German	3
Art Orientation 130	3	c. Eng. 212—Intro. to Literature	3
Expressive Arts	3		
(For students in Special Services Program)			

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Biol. 301—Fundamental Phys.	3	P.Ed. 324—Prevention & Care of Athletic Injuries	3
P.Ed. 321—Org. & Admin. of Intramurals	3	P.Ed. 322—Health Ed. in Elem. Schs.	2
P.Ed. 311—Human Anatomy	4	P.Ed. 304TF—Coaching Techniques—Track and Field OR	
P.Ed. 323—Princ. of Phys. Ed.	2	P.Ed. 304B—Coaching Techniques—Baseball	2
P.Ed. 343—Org. & Admin. of Playgrounds and Recreation	3	P.Ed. 401—Tests & Meas. in Phys. Ed.	3
Soc. 305—Contemp. Soc. Prob.	3	P.Ed. 421—Org. & Adm. of H. & Phys. Ed.	3
		P.Ed. 360—P.Ed. in the Elem. Schools	2
		P.Ed.—Elective	3
	18		18

*Those students with deficiencies in Mathematics are to enroll in the fundamental mathematics course.

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Ed. 412—Admin. of Pub. Schools	3	*Ed. 410PE—Meth. of Teach. Phys. Ed.	3
Ed. 452—Fund. of Sec. Ed.	3	Ed. 424—Foundations of Education	3
P.Ed. 331—Kinesiology	3	Ed. 400—Supervised Teaching	8
P.Ed. 342—Practice	1	Electives	1-4
P.Ed. 403F—Coaching Techniques— Football OR			
P.Ed. 403B—Coaching Techniques— Basketball	2		
P.Ed. 356M—Sports Officiating for Men	1		
P.Ed. 357W—Sports Officiating for Women	1		
Electives	4-5		
	14-16		15-18

*NOTE: 410PE—Methods of Teaching Physical Education is a requirement for the Teacher Certification Program.

THIRTY-SIX HOUR MAJOR (Requires a Minor)

REQUIRED COURSES (Physical Education)	Hours
P.Ed. 111—Introduction to Physical Education	3
P.Ed. 105—Beginning Swimming	1
and	
P.Ed. 107—First Aid and Accident Prevention	1
P.Ed. 141 and 142—Beginning and Advanced Folk and Square Dancing	4
P.Ed. 213 and 214—Modern Dance (Women—Required)	2
P.Ed. 221—Health and Safety	2
P.Ed. 311—Human Anatomy	4
P.Ed. 323—Principles of Physical Education	2
P.Ed. 331—Kinesiology	3
P.Ed. 360—Physical Education in the Elementary School	2
P.Ed. 401—Tests and Measurements in Physical Education	3
P.Ed. 421—Organization and Administration of Health and Physical Education	3
P.Ed. 304—Track and Field OR	
P.Ed. 304B—Baseball	2
P.E. 356M—Sports Officiating OR	
P.E. 357W—Sports Officiating	1
P.Ed. 403—Football OR	
P.Ed. 403—Basketball	2
	36

NOTE: Biology 103-104 and 301B are the science core for this major.

MINOR IN HEALTH EDUCATION

REQUIRED COURSES	Hours
P.Ed. 260—Community Health	3
P.Ed. 305—Safety Education	2
P.Ed. 320—Health Education in Secondary Schools	2
H.Ec. 300—Family Health Education	2
OR	
H.Fc. 102—Nutrition for Man	
Psy. 303—Psychology of Personality	3

Three Hours to be elected from the following:

P.Ed. 304—First Aid Instructor's Course	1
P.Ed. 322—Health Education in Elementary Schools	2
P.Ed. 324—Prevention and Care of Athletic Injuries	3
P.Ed. 361—The School Health Program	2

COURSE DESCRIPTIONS

PHYSICAL EDUCATION 100. *Golf.*

The teaching of the elementary skills, techniques and rules of golf. Credit 1 hour.

PHYSICAL EDUCATION 101. (Men and Women) *Orientation in Physical Education.*

An introduction to the seasonal major and minor activities for all entering Freshman students. An attempt to develop physical fitness and an appreciation for physical activity. Credit 1 hour.

PHYSICAL EDUCATION 102. (Men and Women) *Orientation in Physical Education.*

The teaching of the fundamentals, skills, techniques and rules of seasonal major and minor sports. Credit 1 hour.

PHYSICAL EDUCATION 103-104. *Fundamentals of Physical Education Activities.*

Theory and practice of activities needed in Physical Education programs including skills instruction. Open only to majors in physical education. These courses satisfy the requirement in physical education for both male and female majors. Required of all majors. One hour lecture, two hours laboratory. Credit 1 hour each semester.

PHYSICAL EDUCATION 105. *Beginning Swimming.*

This course is designed to teach the student the basic skills in swimming, diving and water safety. Open only to major students. Required of all majors. Credit 1 hour.

PHYSICAL EDUCATION 107. *First Aid and Accident Prevention.*

This course is designed to aid the student in developing the proper attitudes, skills, and knowledges needed to promote safety. Techniques are taught in care of injuries and sudden illness. The standard and advanced American Red Cross Certificates in First Aid may be earned. One hour lecture, two hours laboratory. Credit 1 hour.

PHYSICAL EDUCATION 109. *Beginning Swimming.*

Open to all non-majors who desire to either learn to swim or improve their skills. Credit 1 hour.

PHYSICAL EDUCATION 110. *Touch Football and Net Games.*

An introduction to, and development of, fundamental skills and techniques in touch football and selected net games. Credit 1 hour.

PHYSICAL EDUCATION 111. *Introduction to Physical Education.*

Orientation of the professional student to the total program of Health, Physical Education, and Recreation. The history of physical education is included in this orientation. Required of all majors. Credit 3 hours.

PHYSICAL EDUCATION 112. *Principles of Health Education.*

In this course, attention will be given to those basic facts and principles of health and related disciplines which will aid the student in: (1) attaining satisfactory social and emotional adjustment; (2) maintaining and improving his own health; (3) developing a cooperative attitude in solving community health problems; and (4) training for the responsibilities of family life and citizenship. Credit 3 hours.

PHYSICAL EDUCATION 114. *Net Games.*

The basic skills of volleyball, tennis and badminton. Credit 1 hour.

PHYSICAL EDUCATION 115. *Body Conditioning and Karate.*

Emphasis is on rudimentary skills in self-defense (Karate) and a high level of physical fitness. Credit 1 hour.

PHYSICAL EDUCATION 116. *Net Games.*

Emphasis is on the intermediate skills, techniques and rules of volleyball, tennis, and badminton. Credit 1 hour.

PHYSICAL EDUCATION 141. *Beginning Folk and Square Dance.*

Instruction and experience in folk and square dances suitable for use in the elementary school. Basic fundamental rhythms for use in elementary schools are included in this course. One hour lecture and three hours laboratory. Required of all majors. Credit 2 hours.

PHYSICAL EDUCATION 142. *Advanced Folk and Square Dance.*

An introduction to the creative approach to dance in schools of secondary and college levels. The principles of kinesthetics and rhythmical forms applied to the practice of fundamental movement techniques. One hour lecture and three hours laboratory. Required of all majors. Prerequisite: Physical Education 141. Credit 2 hours.

PHYSICAL EDUCATION 200. *Physical Conditioning.*

Instruction and training in weights, calisthenics, rope jumping, self-testing activities and other activities that will enable the participant to gain an acceptable level of fitness. Credit 1 hour.

PHYSICAL EDUCATION 201. (Men and Women) *Recreational Activities.*

This course is designed to give an opportunity for the practice of fundamentals. Guidance is given to all Sophomores in the selection of activities for later life. Required of all Sophomores. Credit 1 hour.

PHYSICAL EDUCATION 202. (Men and Women) *Recreational Activities.*

In this course, special attention is given to form, strategy, techniques and execution. An attempt is made to develop the highest possible skill in the activity so that the student can successfully participate in this activity in later life. Required of all Sophomores. Credit 1 hour.

PHYSICAL EDUCATION 203-204. *Advanced Fundamentals of Physical Education Activities.*

Theory and practice of activities needed in Physical Education programs including skill instruction. These courses satisfy the requirement in physical education for both male and female majors. Required of all majors. One hour lecture-recitation, two hours laboratory. Prerequisites: Physical Education 103-104. Credit 1 hour each semester.

PHYSICAL EDUCATION 213. *Modern Dance Techniques.*

Open to those seriously interested in techniques in modern dance and in doing original work in dance composition under direction. Required of women majors. Open to male students. Credit 1 hour.

PHYSICAL EDUCATION 214. *Modern Dance Composition.*

Dance choreography, program planning, directing, staging, and costuming. Formal program required of all students. Required of women majors. Open to male students. Prerequisite: Physical Education 213. Credit 1 hour.

PHYSICAL EDUCATION 216. *Gymnastics.*

Elementary skill training in tumbling, parallel bar, horizontal bar, trampoline and free exercise, including the balance beam. Credit 1 hour.

PHYSICAL EDUCATION 218. *Weight-Training and Body Conditioning.*

Designed to have the student reach a highly conditioned body through the use of weight training. Credit 1 hour.

PHYSICAL EDUCATION 221. *Health and Safety Education.*

This course is designed to provide the basic facts and principles necessary to the development of knowledge, habits, and attitudes for optimum individual, family, and community health and safety. Required of all Physical Education majors. Credit 2 hours.

PHYSICAL EDUCATION 232. *Advanced Swimming.*

This course is designed for those students with skills for advanced stroke techniques. Swimming, physical conditioning, life-saving skills and diving are included. Two hours laboratory can be substituted for Physical Education 105 after passing of swim test. Credit 1 hour.

PHYSICAL EDUCATION 240S (Men and Women). *Swimming.*

Practice and instruction for the advanced swimmer and the more advanced swimmer. Credit 1 hour.

PHYSICAL EDUCATION 260. *Community Health.*

An introductory course to acquaint the student with community health problems. The organization, administration, and supervision of community health agencies will be emphasized. Credit 2 hours.

PHYSICAL EDUCATION 304 TF. *Coaching Techniques—Track and Field.*

Study in the theory, methods and mechanics of coaching track and field events, and cross-country. The organization and operational procedures for staging these events. Credit 2 hours.

PHYSICAL EDUCATION 304B. *Coaching Techniques—Baseball.*

Study in the theory, strategy and mechanics of coaching baseball, including all the necessary skills of batting, base-running, fielding, pitching and the playing of all positions. Credit 2 hours.

PHYSICAL EDUCATION 305. *Safety Education.*

Emphasis on the cost and trends of all types of accidents. Personal factors as related to safety will be covered. Credit 2 hours.

PHYSICAL EDUCATION 306. *First Aid Instructors Course.*

To prepare the student to become a qualified Red Cross First Aid Instructor. Prerequisite: Physical Education 107. Credit 1 hour.

PHYSICAL EDUCATION 311. *Human Anatomy.*

Special emphasis is placed on internal anatomy; circulation; and muscular, skeletal and nervous systems. Laboratory work consists of study of the cat; charts, models and skeleton of man. Two hours laboratory per week. Required of all majors. Prerequisites: Biology 103-104. Credit 4 hours.

PHYSICAL EDUCATION 320. *Health Education in Secondary Schools.*

Emphasis on curriculum development; methods; and source materials in health education for grades 7-12. Credit 3 hours.

PHYSICAL EDUCATION 321. *Organization and Administration of Intramural Program.*

History, present status, objectives, administration, and organization of units of competition, activities, schedule making, scoring and awards. Required of all majors. Credit 3 hours.

PHYSICAL EDUCATION 322. *Health Education in Elementary Schools.*

To aid the student in the recognition of responsibility and of the opportunities for protecting and improving the health of the child by developing understandings and skills in: curriculum development; methods; and source materials in health education. Emphasis will be placed upon the integration of health teaching with other curriculum areas. Credit 2 hours.

PHYSICAL EDUCATION 323. *Principles of Physical Education.*

This course is a study of the foundation of the scientific principles of physical education. The principles evolve from the facts of anatomy, physiology, sociology, and psychology; the information, selection and evaluation of principles are considered in relation to education in general. Required of all majors. Credit 2 hours.

PHYSICAL EDUCATION 324. *Prevention and Care of Athletic Injuries.*

The principles of emergency action in case of accidents and special care of the injured are presented. Special attention is given to prevention and care of athletic injuries with laboratory experience in bandaging, splinting, artificial respiration, etc. Prerequisite: Biology 103, 104, and 311. Credit 3 hours.

PHYSICAL EDUCATION 331. *Kinesiology.*

A study of the musculature and bone structure of the body in relationship to the science of movement, joint mechanisms, leverage, and muscle actions. Required of all majors. Prerequisite: Biology 103, 104, and 311. Credit 3 hours.

PHYSICAL EDUCATION 342. *Physical Education Practice.*

The student is given an opportunity to engage in pre-directed teaching. The student is assigned to observe, participate, and teach in a classroom situation under the direction of the instructor for the course. The required service program courses are usually used for this purpose. Open to majors. Prerequisite: P.Ed. 431—Methods and Materials of Teaching Physical Education. Credit 3 hours.

PHYSICAL EDUCATION 343. *Organization and Administration of Playgrounds and Recreation.*

Details with city problems as related to play and recreation, city planning, powers and abilities, programs, leagues, tournaments, equipment and supplies, and public relations. Credit 3 hours.

PHYSICAL EDUCATION 356M. *Sports Officiating for Men.*

The theory and practice of officiating basketball, track, baseball, tennis, golf and other sports. One hour lecture, two hours laboratory. Officiating in College intramurals will be required. Credit 1 hour.

PHYSICAL EDUCATION 357W. *Sports Officiating for Women.*

Instruction, interpretations of rules and practice in officiating field hockey, volleyball, and other sports. Preparation for women's National Officials rating in athletics. One hour lecture, two hours laboratory. Credit 1 hour.

PHYSICAL EDUCATION 358W. *Sports Officiating for Women.*

Instruction, interpretation of rules and practice in officiating basketball, softball, tennis, and other sports. Preparation for Women's National Officials rating in athletics. One hour lecture, two hours laboratory. Credit 1 hour.

PHYSICAL EDUCATION 360. *Physical Education in the Elementary School.*

Required of all majors in physical education and open to others who are seeking teacher certification. Materials and techniques in physical education activities suitable for elementary school children will be studied. Credit 2 hours.

PHYSICAL EDUCATION 361. *The School Health Program.*

A study of the problems involved in promoting the health of school children. Attention will be given to prevention and protection against infectious diseases and instructions in desirable health practice. Credit 2 hours.

PHYSICAL EDUCATION 401. *Tests and Measurements.*

The theory of measurement in physical education, including construction of knowledge test, the measuring of motor capacity, sports, strength and physical fitness. Required of all majors. Credit 3 hours.

PHYSICAL EDUCATION 403 B. *Coaching Techniques—Basketball.*

Study in the theory, strategy and mechanics of teaching basketball. Credit 2 hours.

PHYSICAL EDUCATION 403 F. *Coaching Techniques—Football.*

The study of theory, organization, mechanics and overall strategy of the teaching of football. Defensive and offensive play are both thoroughly explored. Credit 2 hours.

PHYSICAL EDUCATION 421. *Organization and Administration of Health and Physical Education.*

Procedures and policies for the administration of health and physical education programs in schools and colleges. Care of facilities, equipment and supervision of personnel will be included in with the administration of athletics. Required of all majors. Credit 3 hours.

CORRECTIVE THERAPY

CORRECTIVE THERAPY TRAINEE COURSE.

This course is offered in affiliation with the Veterans Administration Hospital, Louisville, Kentucky. This program has the certified approval of the Veterans Administration Central Office, Washington, D. C. This is an intensive six-week course open to seniors or graduates of Kentucky State with a major in Health and Physical Education. Those students who desire such may receive six hours credit upon successful completion of the course. Students who wish to enter this specialized training should notify the Chairman of the Department of Health and Physical Education during their junior year as to their intentions. Prerequisites: Kinesiology, Anatomy, and Physiology.



DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

The Department of History and Political Science offers students an opportunity to major in History or Political Science. Minors in History and in Political Science are also available.

The aims of the Department are:

- (1) to acquaint the student with the privileges and duties of citizenship;
- (2) to prepare the student for vocational opportunities in the fields of education, government service, and related areas, and for further academic work designed to more fully prepare him for advancement in these fields;
- (3) to give the student knowledge of and an appreciation for the relationships among social, political, economic and intellectual forces in the modern world. Also some insight will be given of the principal events and personalities which have influenced the development of the modern world;
- (4) to provide an introduction to the basic methods of research in history and political science.

Requirements for a major in History are 33 semester hours credit with a minimum of "C" in each course distributed in the Department as follows: History 101-102—World Civilization, History 201-202—United States History, and 21 additional hours of 300 and 400 history courses selected in consultation with the student's academic advisor. Registration for the following courses is required of all majors in this field: History 321—English History, History 326—The Negro in the United States or History 408—Recent United States History, and History 411—Twentieth Century Europe. Students qualifying for certification as secondary school teachers in History will take Political Science 111—American Government; it will be credited to their required 21 hours of upperclass history credits.

Requirements for a major in Political Science are 33 semester hours credit with a minimum grade of "C" in each course distributed within the Department as follows: Pol. Sci. 111—American Government, Pol. Sci. 112—State Government, Pol. Sci. 213—Metropolitan Government, Pol. Sci. 221—Introduction to Political Science, three hours in political theory (either Pol. Sci. 353—Early Political Theory or Pol. Sci. 354—Modern Political Theory), three hours of political process (either Pol. Sci. 302—Legislative Process or Pol. Sci. 402—American Politics: Parties, Public Opinion and Pressure Groups), three hours of constitutional law (Pol. Sci. 311—American Constitutional Law or Pol. Sci. 411—The Constitution and Civil Liberties), and 12 additional hours in Political Science courses from the 300 and 400 groups.

Requirements for a minor in History are 24 semester hours credit with a minimum grade of "C" in each course. The courses must be distributed as follows: History 101-102—World Civilization, History 201-202—United States History, and 12 semester hours selected in consultation with the student's minor advisor from 300 and 400 history courses.

Requirements for a minor in Political Science are 24 semester hours credit with a minimum grade of "C" in each course. The courses must be distributed as follows: Political Science 111—American Government, Political Science 221—Introduction to Political Science, and 18 semester hours selected in consultation with the student's minor advisor from political science courses.

HISTORY CURRICULUM

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
For. Lang. 101—French or Spanish	3	For. Lang. 102—French or Spanish	3
Fine Arts Survey (Art or Music)	3	Math 100—Fundamentals of Math	3
Ed. 100—Freshman Orientation	1/2	P.Ed. 221—Health and Safety Ed.	2
P.Ed. 101—Orientation in Phy. Ed.	1	P.Ed. 102—Orientation in Phy. Ed.	1
Ed. 105—Assembly	1/2		
	17		18

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 211—English Literature	3	Eng. 212—English Literature	3
Soc. 201—Introduction to Social Science	3	Soc. 202—Introduction to Soc. Sci.	3
Phy. Sci. 201—Introduction to Physical Sciences	3	Phy. Sci. 202—Introduction to Physical Sciences	3
Hist. 201—United States History	3	Hist. 202—United States History	3
Psy. 200—General Psychology	3	Psy. 222—Human Development and Psychology II	3
P.Ed. 201—Recreational Activities	1	P.Ed. 202—Recreational Activities	1
Pol. Sci. 111—American Government	3	Elective	3
	19		19

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Hist. 321—English History	3	Hist. 326—The Negro in United States History	3
History electives	6	OR	
Minor courses	6	Hist. 408—Recent United States History	3
		History electives	6
		Minor courses	3
		Elective	3
	15		15

SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Hist. 411—20th Century Europe	3	Ed. 410SS—Methods of Teaching Social Sciences	3
Ed. 452—Fund. of Sec. Ed.	3	Ed. 412—Administration of Public Schools	3
Soc. 305—Contemporary Social Problems	3	Ed. 400—Supervised Teaching	8
History elective	3		
Elective	3		
	15		14

POLITICAL SCIENCE CURRICULUM

FIRST YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
For. Lang. 101—French or Spanish	3	For. Lang. 102—French or Spanish	3
Pol. Sci. 111—American Government	3	Pol. Sci. 112—State Government	3
Ed. 100—Freshman Orientation	1/2	P.Ed. 102—Orientation in P.Ed.	1
P.Ed. 101—Orientation in P.Ed.	1	P.Ed. 221—Health and Safety	2
Ed. 105—Assembly	1/2		
	17		18

SECOND YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 211—English Literature	3	Eng. 212—English Literature	3
Soc. 201—Intro. to Social Science	3	Soc. Sci. 202—Intro. to Soc. Sci.	3
Phy. Sci. 201—Intro. to Phys. Science	3	Phy. Sci. 202—Intro. to Phys. Sci.	3
Pol. Sci. 213—Metropolitan Gov.	3	Pol. Sci. 221—Intro. to Pol. Sci.	3
P.Ed. 201—Recreational Activities	1	P.Ed. 202—Recreational Activities	1
Electives	6	Electives	6
	19		19

THIRD YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Pol. Sci. 353—Early Political Theory	3	Pol. Sci. 302—Legislative Process	3
OR		OR	
Pol. Sci. 354—Modern Political Theory	3	Pol. Sci. 402—American Politics	3
Political Science—Elective	3	Political Science—Elective	3
Minor	6	Minor	6
Elective	3	Elective	3
	15		15

FOURTH YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Pol. Sci. 311—American Constitutional Law	3	Pol. Sci.—Elective	3
OR		Minor	6
Pol. Sci. 411—Constitution and Civil Liberties	3	Electives	6
Pol. Sci. Elective	3		
Minor	6		
Elective	3		
	15		15

COURSE DESCRIPTIONS

HISTORY

HISTORY 101-102—World Civilization.

The typical literature, art, music, architecture, other fine arts—religions, and customs of various peoples and nations throughout history. Effort is made to give a grasp of the historical and institutional setting from which these cultures came. Credit 3 semester hours for each course.

HISTORY 201-202—United States History.

The political, economic, and social development of the United States from colonial period to the present. Credit 3 hours for each course.

HISTORY 203—History of Kentucky.

A general survey of the social, economic and political history of Kentucky; her influence in the development of American democracy; and her period of leadership in the nation. Credit 3 hours.

HISTORY 301—Early Modern Europe.

A survey of the political, intellectual economic and social development of Europe in the period 1450-1815. Other major topics covered are the High Renaissance, overseas expansion, the Reformation, the Intellectual Revolutions, and the era of the French Revolution. Credit 3 hours.

HISTORY 304—19th Century Europe.

This course deals broadly with Europe from the downfall of Napoleon (1815) to the outbreak of World War I (1914). Particular emphasis is placed upon nationalism, the struggle between revolution and reaction, industrialization, imperialism, diplomacy, and cultural and intellectual trends. Credit 3 hours.

HISTORY 315—Greece and Rome.

A survey of the ancient civilizations of Greece and Rome with emphasis on their significant political and cultural achievements. Credit 3 hours.

HISTORY 316—Medieval Culture.

A survey of European history from 500 to 1500 with a strong emphasis on cultural achievements of the period. Credit 3 hours.

HISTORY 321—English History.

A survey of English history from pre-Roman times to the close of the Glorious Revolution (1689) with emphasis upon constitutional and legal developments. Credit 3 hours.

HISTORY 322—English History.

A continuation of History 321 describing the growth of British democracy, and world imperialism during the eighteenth, nineteenth, and twentieth centuries. Credit 3 hours.

HISTORY 323—Constitutional History of the United States.

An historical survey of the making of the Constitution and its interpretation through decisions of the United States Supreme Court with some attention to economic, political, and social forces which have influenced its development. Credit 3 hours.

HISTORY 324—Hispanic American History.

The colonial and republican periods in Hispanic America are surveyed with emphasis in the most recent period on the relation of these nations to the rest of the world. Credit 3 hours.

HISTORY 326—The Negro in the United States.

A study of the history of the Negro in the United States: his African heritage, his role in the development of the country, his struggle for the privileges and immunities of citizenship, and particular emphasis on his contributions to the American society. Credit 3 hours.

HISTORY 402—Russian History.

A survey of Russia from its earliest history (Kievan Russia) to the present. Special emphasis will be placed on 19th century Czarist Russia, the Russian Revolution, and the Soviet Union. A term paper or written reports will be required. Credit 3 hours.

HISTORY 403—The Negro in 20th Century America.

An in-depth study of Afro-American contributions to American culture and struggles for full citizenship in the United States interwoven with the story of the growth of the United States since its emergence as a world power. Credit 3 hours.

HISTORY 405—Southern History.

The course covers the economic, social, political, and cultural life in the southern states from colonial times to the present. It examines carefully the progress and problems of the South today. Credit 3 hours.

HISTORY 407—The History of East Asia.

A cultural and political survey of the history of China, Japan, and southeast Asia with emphasis on their changing relationships with the rest of the world during the 19th and 20th centuries. Credit 3 hours.

HISTORY 408—Recent United States History.

A careful examination—readings, discussions, reports, papers—of problems associated with such topics as the Great Depression, the New Deal, war and threats to peace, significant social change, and the political aspects of outer space. Credit 3 hours.

HISTORY 410—Diplomatic History of the United States.

An in-depth survey of America's diplomatic relations with the major world powers since the founding of the Republic. Credit 3 hours.

HISTORY 411—20th Century Europe.

The course covers the history of Europe from 1914 to the present. Particular attention is given to the impact of World War I upon European civilization, the rise of the totalitarian states, World War II, the Cold War, and the trends and problems of contemporary Europe. An important feature of the course will be a term paper which will enable the student to do independent research. Credit 3 hours.

HISTORY 450—Independent Study.

An organized course of readings, the preparation of reports, oral and written, and final examination arranged for the individual student by the faculty member in whose area of specialization the student is interested in doing independent study. Credit 1 to 3 hours.

POLITICAL SCIENCE

POL. SCI. 111—*American Government.*

A study of the formal and informal institutions of American national government and politics: The Constitution, the Presidency, Congress, the federal court system, political parties, pressure groups, public opinion, recent foreign policy, the federal bureaucracy, voting behavior. Attention is also given to current problems and issues. Credit 3 hours.

POL. SCI. 112—*State Government.*

A study of the structure and function of state governments in the federal system of the United States: the state constitution, state legislature, the state executive, state administration, state finance, state courts, state parties and politics, reconstruction of problems and issues. Credit 3 hours.

POL. SCI. 213—*Metropolitan Government.*

A study of municipal government and metropolitan problems, including politics, law, the role of the city council, the mayor and the city manager. Credit 3 hours.

POL. SCI. 221—*Introduction to Political Science.*

An introduction to the study of behavior in a political context including an analysis of behavioral concepts such as political roles, groups, power, systems and decision-making. Credit 3 hours.

POL. SCI. 302—*Legislative Process.*

A comprehensive study of legislative organization, procedure and problems covering the legislative power structure, the selection of legislators and the roles they play. Also, examined is the decision-making process and the relations of the legislative and executive branches. Credit 3 hours.

POL. SCI. 305—*Comparative Government.*

An analysis of the major political systems of Europe with emphasis on Great Britain, France, the German Federal Republic and the Soviet Union. Credit 3 hours.

POL. SCI. 307—*World Politics.*

An examination of the dynamics of world politics, international tension, conflict and resolution. Credit 3 hours.

POL. SCI. 311—*American Constitutional Law.*

An analysis of constitutional development concerned with the separation of powers, federalism, the regulation of commerce, contracts, taxing and spending, and the state police power. Credit 3 hours.

POL. SCI. 321—*Introduction to Public Administration.*

An introduction to the functions and problems of public administration emphasizing the types of governmental organization, lines of responsibility, personnel management, and fiscal processes. Credit 3 hours.

POL. SCI. 353—*Early Political Theory.*

The perennial problems of political and social life, centering on law, justice, equality, the common good, and power as presented in the development of political ideas in the Western tradition from Plato through Thomas Aquinas. Credit 3 hours.

POL. SCI. 354—*Modern Political Theory.*

Modern political ideas as expressed in rationalism, empiricism, Marxism, fascism, socialism and the welfare state. A continuation of Pol. Sci. 353 from Machiavelli to the present-day theorists. Credit 3 hours.

POL. SCI. 402—*American Politics: Parties, Public Opinion and Pressure Groups.*

The democratic process in the United States is analyzed as a function of the two major political parties and the major economic and social pressure groups. Credit 3 hours.

POL. SCI. 405—*Politics of Developing Nations.*

A comparative analysis of the political culture processes and problems of selected nations most of which have become independent since World War II. Credit 3 hours.

POL. SCI. 407—*International Organization.*

An examination of the social and economic factors leading to the establishment of international organizations. Conflicting interests in organizing world peace on the international level are studied. The emphasis of the course is on the background and role of the United Nations today. Credit 3 hours.

POL. SCI. 411—*The Constitution and Civil Liberties.*

An examination of constitutional development concerned with the definition of American rights in the areas of freedom of speech, press, assembly, association and religion; church-state relations; racial discrimination; political radicalism and subversion; procedures in criminal prosecutions; military tribunals. Recommended for the prospective law student. Credit 3 hours.

POL. SCI. 422—*Public Personnel Administration.*

A study of public personnel administration, including the development of merit civil service; the personnel agency; classification; recruitment; examination techniques; employee relations and morale; promotion; service rating; training; discipline; tenure; transfer and retirement. Prerequisite: Pol. Sci. 321. Credit 3 hours.

POL. SCI. 433—*Administrative Case Study.*

Case studies of selected problems in the administrative process. The course offers the student an opportunity for presenting and defending individual judgments. Prerequisite: six hours of public administrative courses. Credit 3 hours.

POV. SCI. 462—Independent Study.

Individual research and/or reading on a problem or area within the field of political science chosen by the student after consultation with the instructor. Regular reports and a final research paper are required. One to three credits.

THE AFRO-AMERICAN STUDIES PROGRAM

The Afro-American Studies Program is administered by a member of the Department of History and Political Science faculty and represents a continuation of Kentucky State's curricular and extra-curricular endeavor to develop race pride and to make the record of the past more complete by the insertion of significant information about Afro-Americans usually omitted. The current enrichment of the program is in response to the intense interest that has been generated concerning this area of culture in our history.

The curricular offerings are interdisciplinary in nature and sufficient in credit hours available to enable students to satisfy requirements for a minor. By judicious selection of courses, they may lay a sufficient foundation for graduate and professional study; equip themselves as elementary and secondary school teachers in such subjects; and qualify as counselors and participants in state- and federally-supported projects involving minorities. The minor consists of 18 semester hours selected in consultation with the Program's administrator from the following offerings:

Home Economics 102—Nutrition for Man

Sociology 212—Geography of Africa: Sub-Sahara Region

Art 230—African Art in New Perspective

Sociology 303—Cultural Anthropology

Education 304—Introduction to the Teaching of the Disadvantaged in the Elementary School.

Sociology 312—Sociology of Poverty

Music 323—Afro-American Music

History 326—The Negro in the United States

Sociology 350—Urban Sociology

History 403—The Negro in 20th Century America

Political Science 405—Politics of Developing Nations

English 409—Literature of the American Negro

DEPARTMENT OF HOME ECONOMICS

The Department of Home Economics offers professional and technical undergraduate curricula leading to the degree of Bachelor of Science in one of four majors. All curricula in Home Economics are designed to provide a sound educational program in keeping with national goals of the Home Economics profession.

The field of home economics has as its concern the welfare of the family group, how it functions in our society in achieving maximum development and satisfaction for its members.

The Department of Home Economics has set forth the following objectives:

1. To aid students in developing a satisfying philosophy inherent with democratic principles.
2. To assist students in becoming effective family members and responsible citizens in coping with societal problems.
3. To prepare him or her for a profession in home economics and allied fields.
4. To encourage personal, professional and cultural growth through continuous pursuit of truth.

The four majors in the Department of Home Economics are Food Science Research, Nutrition Education Services, Food Service (Institution) Management, and Home Economics Education.

The Nutrition and Food Science Research engages in teaching, provides community services and conducts research in cooperation with other departments on the campus. The research facility consists of a modern, well-equipped research laboratory dedicated to work in human nutrition, an animal room, and a conference and discussion area. The Nutrition Education facility includes a demonstration laboratory, and a large laboratory classroom consisting of unit kitchens and a living and dining area for teaching and hospitality services.

The Home Economics Education curriculum prepares students for teaching positions in Vocational Home Economics education programs in secondary schools and in specialized home economics programs. The program also serves as a basic preparation for teaching adult classes, pre-school children and in related fields which require knowledge, competencies, and skills in home economics.

Home Economics Education (Vocational).

The Home Economics Education curriculum prepares students for teaching positions in Vocational Home Economics education programs in secondary schools and in specialized home economics programs. The program also serves as a basic preparation for teaching adult classes, pre-school children and in related fields which require knowledge, competencies, and skills in home economics.

CURRICULUM HOME ECONOMICS EDUCATION

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Ed. 100—Freshman Orientation	1/2	P.Ed. 102—Orientation to P.Ed.	1
P.Ed. 101—Orientation in Phy. Ed.	1	Biol. 104—Life Science	4
Biol. 103—Life Science	4	Eng. 102—English Composition	3
Eng. 101—English Composition	3	Hist. 102—World Civilization	3
Hist. 101—World Civilization	3	H.Ec. 113—Applied Art and Design	2
Math. 101—College Algebra	3	H.Ec. 101—Intro. to Foods	3
H.Ec. 100—Intro. to Home Economics	1	H.Ec. 108—Textiles and Clothing	3
H.Ec. 112—Intro. to Art & Design	2		
Ed. 105—Assembly	1/2		
	18		19

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
H.Ec. 201—Meal Planning and Table Service	3	H.Ec. 104—Child Care & Develop.	4
Mus. 221—Music Appreciation	2	H.Ec. 300—Family Health and Home Care of Sick	2
H.Ec. 204—Family Clothing	3	Mus. 222—Music Appreciation	2
P.Ed. 201—Recreational Activities	1	P.Ed. 202—Recreational Activities	1
	19		19

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
H.Ec. 208—Housing Prob. and Pol.	3	Econ. 211—Prin. of Economics	3
H.Ec. 303—Household Equipment	3	Psy. 200—Gen. Psychology	3
Soc. 305—Contemporary Soc. Prob.	3	H.Ec. 302—Nutrition & Dietetics	3
H.Ec. 307—Advanced Clothing	3	H.Ec. 304—Home Furnishings and Design	3
H.Ec. 308—Family Consumer Prob.	3	H.Ec. 306—Family Relationships	4
Elective	3		
	18		16

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Psy. 222—Human Develop. and Psy. II	3	Ed. 410HE—Supervised Teaching and Seminar	8
H.Ec. 306—Home Mgt. Theory	2	H.Ec. 408—Home Management Residence	5
H.Ec. 401—Advanced Foods	3		
H.Ec. 410—Methods of Teaching Home Economics	4		
Home Economics Elective	4		
	16		13

CURRICULUM IN NUTRITION AND FOOD SCIENCE RESEARCH—REVISED

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Chem. 101—Gen. Chemistry	4	Chem. 102—Gen. Chemistry	4
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Ed. 100—Freshman Orient.	1/2	P.Ed. 102—Physical Education	1
P.Ed. 101—Physical Education	1	H.Ec. 102—Nutrition for Man	3
H.Ec. 100—Intro. to Home Economics	1		
H.Ec. 101—Intro. to Foods	3		
Ed. 105—Assembly	1/2		
	19		17

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Chem. 203—Quantitative Anal. II	4	Psy. 200—General Psychology	3
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
P.Ed. 201—Recreational Activities	1	P.Ed. 202—Recreational Activities	1
H.Ec. 201—Meal Planning and Service	3	H.Ec. 210—Child Care and Develop.	4
	18		18

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Chem. 201—Organic Chemistry	4	Chem. 202—Organic Chemistry	4
Econ. 211—Prin. of Economics	3	Chem. 305—Biochemistry	4
H.Ec. 300—Family Health	2	Mus. 222—Music Appreciation	2
Mus. 221—Music Appreciation	2	Biol. 302—General Microbiology	3
Biol. 301B—Human Physiology	3	H.Ec. 302—Nutrition and Dietetics	3
H.Ec. 305—Nutrition during Growth and Development	2		
	16		16

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Sci. 211—General Physics	4	P.S. 211—American Government or Elective	3
H.Ec. 403—Normal and Therapeutic Nutrition	3	H.Ec. 408—Problems in Foods and Nutrition	3
H.Ec. 401—Advanced Foods	4	H.Ec. —Elective	7
H.Ec. —Elective	3		
	14		13

FOOD SERVICE MANAGEMENT

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Chem. 101—Gen. Chemistry	4	Chem. 102—Gen. Chemistry	4
Eng. 101—English Composition	3	Eng. 102—English Composition	3
B.A. 111—Business Math	3	B.A. 112—Business Math	3
H.Ec. 100A—Intro. to Art	2	H.Ec. 100B—Applied Art and Design	2
H.Ec. 100—Intro. to Home Ec.	1	Hist. 102—World Civilization	3
Hist. 101—World Civilization	3	H.Ec. 101—Intro. to Foods	3
Ed. 100—Freshman Orientation	1/2	P.Ed. 102—Orientation in Phy. Ed.	1
P.Ed. 101—Orientation in Phy. Ed.	1		
Ed. 105—Assembly	1/2		
	18		19

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
B.A. 261—Prin. of Accounting	4	B.A. 262—Prin. of Accounting	3
H.Ec. 201—Meal Planning and Service	3	H.Ec. 102—Nutrition for Man	3
Eng. 201—Public Speaking	2	H.Ec. 104—Child Care and Develop	4
P.Ed. 201—Recreational Activities	1	P.Ed. 202—Recreational Activities	1
	17		18

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Biol. 301B—Human Physiology	3	Biol. 302—Gen. Microbiology	3
Soc. 201—Intro. to Soc. Sci.	3	Psy. 200—Gen. Psychology	3
Econ. 211—Prin. of Economics I	3	Econ. 212—Prin. of Economics II	3
Mus. 221—Music Appreciation	2	Mus. 222—Music Appreciation	2
H.Ec. 300—Family Health	2	H.Ec. 302—Nutrition & Dietetics	3
B.A. 361—Prin. of Accounting	3	Soc. 202—Intro. to Social Science	3
	16		17

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
H.Ec. 430-431—Institutional Foods	4	H.Ec. 431—Institutional Foods	4
H.Ec. 406—Institution Equip.	3	H.Ec. 430—Institution Organization & Management	3
B.A. 481—Cost Accounting	3	H.Ec. 491—Senior Problem of Advanced Food Management	3
Elective —In Foods and Nutrition 2 or 4		B.A. 333—Personnel Admin.	3
	12 or 14		16

HOME ECONOMICS 300. *Family Health and Home Care of the Sick.*

A consideration of the responsibility of various members of the family in promoting health in the home and in the community. Techniques in home nursing. Credit 2 hours.

HOME ECONOMICS 302. *Nutrition and Dietetics.*

Human requirements for dietary essentials as modified by age, sex, occupation, and other factors. Construction of practical diets to meet requirements. Prerequisites: Home Economics 201; Chemistry 101, 102; and concurrent Biology 302. Credit 3 hours.

HOME ECONOMICS 303. *Household Equipment.*

Principles involved in the selection, construction, operation, and care of household equipment, and their relation to the well-being of the family. Credit 3 hours.

HOME ECONOMICS 304. *Home Furnishings and Design.*

Planning and decorating the house to meet personal and economical problems involved in comfortable present day living. Trends in home furnishings, design, arrangements, color in use as background information. Prerequisites: Home Economics 100, 108, 204, and 208. Credit 3 hours.

HOME ECONOMICS 305. *Nutrition during Growth and Development.*

Nutrition as it affects physical growth and development of individuals; emphasis on understanding the inter-relationship between physiological changes and nutritional needs during the reproductive cycle, infancy, early childhood and adolescence. Credit 2 hours.

HOME ECONOMICS 306. *Family Relationships.*

The study of the inter-relationships of family members. An analysis of financial problems, use of leisure time and the study of how significant technological changes affect family life. Credit 4 hours.

HOME ECONOMICS 307. *Advanced Clothing.*

The study of historic and period costumes, accessories, and tailoring. Practical experience in constructing garments of wool and more delicate fibers. Prerequisites: Home Economics 108 and 204. Credit 3 hours.

HOME ECONOMICS 308. *Family Consumer Problems.*

Analysis of family economical aspects; responsibilities of family members in employing effective measures toward getting maximum benefit from family income. Credit 3 hours.

HOME ECONOMICS 410. *Methods of Teaching Home Economics.*

Principles and techniques basic to teaching home economics in secondary schools; curricula organization, selection and evaluation of instructional materials, department organization, program planning, methods of teaching youth and adults and effective use of teaching materials. Junior standing. Credit 3 hours.

HOME ECONOMICS 409. *Methods in Teaching Nutrition.*

Organization of fundamental concepts basic to nutrition education, and the classification of important objectives for teaching nutrition with emphasis on reducing technical information to an understandable form for communicating to different age groups with common needs. To be correlated with field experiences in community nutrition. Credit 3 hours.

HOME ECONOMICS 400A. *Home Management Theory.*

Philosophy and principles of the management process and its use in coping with managerial aspect of the home. Study of time, energy and money management and the application of work simplification techniques. Credit 2 hours.

HOME ECONOMICS 400B. *Home Management Residence.*

Supervised living in Home Management Residence. Management experiences, application of skills and techniques of homemaking as food planning, purchasing, preparation and service, housing maintenance and group relationships. Senior standing. Credit 3 hours.

HOME ECONOMICS 401. *Advanced Foods.*

Study of chemical and physical changes in food preparation. Development of experimental techniques and opportunities for individual studies. Prerequisites: Home Economics 302 and Chemistry 102. Credit 4 hours.

HOME ECONOMICS 403. *Normal and Therapeutic Nutrition.*

Nutrition related to normal and abnormal health; emphasis on the dietary management of certain organic, functional and metabolic diseases. Prerequisites: Home Economics 302, Biology 301B, and Chemistry 305. Credit 3 hours.

HOME ECONOMICS 403. *Community Nutrition.*

Survey of current public health nutrition problems. Investigation and participation in solving these problems with programs of the local agencies. Field trips in conjunction with the program. Credit 3 hours.

HOME ECONOMICS 406. *Institutional Equipment.*

Principles involved in selection, operation and care of equipment used in large quantity cookery.

HOME ECONOMICS 407. *Institutional Organization and Management.*

The study of the fundamental philosophies and principles of food service management. Collateral internship with emphasis on practical experiences required.

HOME ECONOMICS 430-431. *Institutional Foods.*

Principles involved in selection, preparation, storage and service of foods in an institutional setting. Requires internship in a local organization to give practical experience.

HOME ECONOMICS 491. *Senior Problem in Foods and Nutrition.*

Independent study designed to integrate concepts through supervised experiences in the area of (1) Nutrition education service, (2) Food service management, or (3) Nutrition and food science research. Credit 3 hours.

HUMANITIES**ART****OBJECTIVES:**

1. To expose the student to the basic areas of disciplines within the visual arts.
2. To provide the student with a formal program of instruction in materials and techniques as they relate to the areas of visual arts.
3. To stimulate talent and creativity through aesthetic enrichment, individual interpretation, and experimentation.
4. To heighten the cultural opportunities afforded the student, the institution, and the community.

MINOR PROGRAM:

A minor program in art consists of twenty-one hours: Art 110, 111, 120, 201, 202, and Education 101 or 102.

COURSE DESCRIPTION**ART 110-111. *Basic Drawing.***

An introductory course designed to explore the visual possibilities of the two dimensional field through a variety of drawing materials and techniques. Problems will be assigned in order to expose the student to the use of line, form, composition, color, and tone. No prerequisites required. Credit 3 hours each semester.

ART 120-121. *Basic Painting.*

A course designed to acquaint the beginning student with both traditional and contemporary criteria and theory as it relates to painting. Problems and materials will include traditional oil techniques as well as the newer plastic materials and techniques. No prerequisites required. Credit 3 hours each semester.

ART 201. *Art History Survey: Primitive to Medieval Art.*

A survey lecture course designed to expose the student to the history of art from pre-historic man to the present. No prerequisite required. Credit 3 hours.

ART 202. *Art History Survey: Renaissance to Contemporary Art.*

A survey lecture course designed to expose the student to the history of art from pre-historic man to the present. A continuation of Art 201. No prerequisites required. Credit 3 hours.

ART 230. *Afro-American Art in New Perspective.*

A course designed to reveal contributions and accomplishments of Afro-American Art committed from art history publications. The influence of early African Art on Art of the World will be evaluated. Research projects in past and present Negro American artists. One half of the course will be devoted to lecture/demonstrations and one half to research/laboratory projects. No prerequisites required. Credit 3 hours.

PHILOSOPHY

PHILOSOPHY 200. *Introduction to Philosophy.*

An introductory study of some major problems in philosophy as dealt with by representative philosophers from Plato to Russell. Credit 3 hours.

PHILOSOPHY 210. *Introduction to Logic.*

An introductory study of the art and science of sound reasoning, including formal and informal fallacies, deductive inference, and symbolic logic. Credit 3 hours.

PHILOSOPHY 320. *Moral Philosophy.*

An introductory study of the traditional theories of normative ethics and the recent metaethical theories, involving an examination of such concepts as good, evil, right, wrong, determinism, relativism, human freedom and moral responsibility. Credit 3 hours.

HONORS SEMINAR

An interdisciplinary, interdepartmental course for students who during their Freshman year are carefully screened for attitudes, ability, and performance, and who are therefore eligible for the first Honors Seminar during their Sophomore year and for the second and third Honors Seminars during their Junior and Senior years. Emphasis upon the "in depth" and independent approach to study and upon the interdisciplinary (rather than fragmented) nature of knowledge. Participation in related cultural events, on and off campus, is required. The Seminar offers three hours credit for each semester, and as an elective, it can contribute to the total number of hours required for graduation. If a Seminar is given both the First and the Second Semesters, one is labeled A, the other B.

Honors Seminar I: for Sophomores.

Honors Seminar II: for Juniors.

Honors Seminar III: for Seniors.



DEPARTMENT OF INDUSTRIAL EDUCATION

The Department of Industrial Education is housed in W. Frank Shauntee Hall, a new building with modern architectural features and 19,740 square feet of floor space. Included among the laboratories are two drafting rooms, machine tool processing laboratory, general metals laboratory, electricity/electronics laboratory, comprehensive general laboratory, and wood processing laboratory. Also, this facility houses auxiliary rooms such as offices, classrooms, conference rooms and areas for the development of supporting services and power and transportation as educational offerings.

The preparation of educational and industrial personnel is a primary consideration in the Department's organizational structure. The major program objectives are: (1) to develop personnel for teaching positions in junior and senior high schools, (2) develop personnel for employment in technical and related industrial occupations, (3) provide opportunities for those who wish to pursue industrial education offerings for personal enrichment, and (4) provide a foundation for graduate education.

Pursuant to the first program objective, two undergraduate programs are offered—*Industrial Arts Teacher Education* and *Industrial Technology*.

INDUSTRIAL ARTS TEACHER EDUCATION

Industrial arts as subject matter in American schools is a phase of general education which concerns materials, tools, processes, and products of manufacture, and contributions of those engaged in industry and industrial education. This subject matter exists on all levels of education, kindergarten through university. Modern industrial arts takes its content from industry and its related technologies.

Two curriculum options are provided in the industrial arts teacher education program at Kentucky State. They are: *Industrial Arts Area of Concentration* and *Industrial Arts Major*. Each option requires a minimum of 131.5 semester hours of course credit which consists of general and professional education courses and required industrial education courses to acquire an industrial arts area of concentration or industrial art major. Each option also leads to the Bachelor of Science degree, is designed to develop industrial arts teachers for junior and senior high schools, and provides a foundation for graduate education.

INDUSTRIAL ARTS AREA OF CONCENTRATION

A minimum of 48 semester hours is required for the teaching area of concentration in industrial arts. Of this amount, at least 45 hours shall be in laboratory courses, plus 3 hours in Industrial Education 471. Laboratory courses in industrial arts consist of experiences in at least five of the following areas: crafts, drafting, electricity, general shop, graphic arts, metals, power mechanics, and wood. The maximum hours in any one area shall not exceed 18 semester hours.

INDUSTRIAL ARTS MAJOR

This option is designed for those who expect to teach in junior or senior high schools which require a broad technical background of industrial arts teachers, and who also desire preparation for teaching in another subject area. Students who pursue a major in industrial arts must also pursue an approved teaching minor.

The teaching major in industrial arts consists of a minimum of 36 semester hours. Of this amount, at least 33 hours shall be in laboratory courses, plus 3 hours in Industrial Education 471. Laboratory courses shall comprise a minimum of six hours each in at least three of the areas listed above for the area of concentration. One of the areas must be drafting. The maximum in any one area shall not exceed nine semester hours for the major.

INDUSTRIAL TECHNOLOGY

Industrial technology involves the application of science and art in solving industrial problems. Its art element attends superior human performance in integrating segments of pertinent knowledge and method (method of knowing) to solve industrial problems. Industrial technology utilizes such bodies of knowledge as technical sciences (mathematics, physical sciences), humanities, social and behavioral sciences, and educational and managerial sciences. Method in technology involves such elements as analysis, experimentation, manipulative skills, synthesis, and testing.

The industrial technology program, pursuant to the second objective above, leads to the Associate in Applied Science degree. It is designed to develop technicians with clusters of skills who can perform within and among such functions of industry as design and refinement, production and manufacturing, distribution and sales, and product utilization, including servicing of the product. Typical job titles for technicians are Service Technician, Technical Consultant, Industrial Laboratory Assistant, Salesman, Service Manager, Draftsman.

This program has a choice among four curriculum options, each requiring a minimum of 66 semester hours of course credit. They are: (1) *Architectural Drafting Technology*, (2) *Civil Drafting Technology*, (3) *Electronics Technology*, and (4) *Metals Technology*. A student may pursue courses in one of these options through day and/or evening classes.

SERVICE PROGRAM (COURSES)

The Department of Industrial Education performs a service function for community students and college students by offering terminal vocational-technical courses and industrial arts courses respectively.

Usually these courses are the basic ones in the following technology areas: (1) Drafting, (2) Electricity/Electronics, (3) General Metals, (4) General Shop, and (5) Wood Processing. Each is offered during the day. Some are offered in the evening. Students may pursue these courses for vocational or general enrichment.

CURRICULUM IN THE INDUSTRIAL ARTS AREA OF CONCENTRATION

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
I.Ed. 161—Drafting Fundamentals I	3	I.Ed. 162—Drafting Fundamentals II	3
Ed. 100—Basic Woodwork	3	I.Ed. 162—Cabinetmaking	3
P.Ed. 101—Freshman Orientation	1/2	P.Ed. 102—Orientation in Phy. Ed.	1
Ed. 105—Assembly	1/2	*Math. Elective(+)	3
	17		19

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	*Humanities Elective(+++)	3
Soc. 201—Intro. to Social Science	3	Soc. 202—Intro. to Social Science	3
Sci. 201—Intro. to Physical Sci.	3	Sci. 202—Intro. to Physical Sci.	3
Psy. 200—General Psychology	3	Psy. 222—Human Develop. and Psy II	3
I.Ed. 121—Basic Electricity	3	I. Ed. 221—Basic Electronics I	3
P.Ed. Recreational Activities	1	P.Ed. Recreational Activities	1
	16	*Elective	0-3
			16-19

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
**Eng. 103—Fundamentals of Speech	3	**Phil. 200—Intro. to Philosophy,	
I.Ed. 231—General Shop (Crafts) I	3	Phil. 210—Logic, OR Humanities	
I.Ed. 141—General Metals	3	Elective(+++)	3
I.Ed. 321—Basic Electronics II	3	I.Ed. 209—Industrial Design	3
I.Ed. 371—Foundations of I.A. Ed.	3	I.Ed. 241—Machine Tool	
Econ. 211—Principles of Econ. OR		Processing I	3
Soc. 102—Prins. of Geography	3	I.Ed. 332—General Shop II	3
	18	P.Ed. 221—Health and Safety	2
			14

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 305—Contemporary Social Prob.	3	Ed. 410 I.A.—Methods of Teach. I.A.	3
I.Ed. 206—Architectural Drafting I	3	Ed. 412—Adm. of Pub. Schools	3
I.Ed. 341—Machine Tool		Ed. 452—Fundamentals of Sec. Ed.	3
Processing II	3	Ed. 400—Supervised Teaching	8
I.Ed. 361—Machine Woodwork	3		
I.Ed. 471—Prep. of Instructional			
Materials	3		
	15		17

*As approved by advisor.

**May be taken either semester.

(+)Math. 100, 101, or 105.

(++)Fine Arts (music, art, drama).

(+++)Humanities elective. Courses may be selected from literature, fine arts, journalism, speech and/or philosophy.

CURRICULUM IN THE INDUSTRIAL ARTS MAJOR

(Students who choose this major also pursue a teaching minor in another field).

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Bio. 101—Life Science	3	Bio. 102—Life Science	3
I.Ed. 101—Drafting Fundamentals I	3	I.Ed. 102—Drafting Fundamentals II	3
I.Ed. 161—Basic Woodwork	3	I.Ed. 162—Cabinetmaking	3
Ed. 100—Freshman Orientation	1/2	P.Ed. 102—Orientation in Phy. Ed.	1
P.Ed. 101—Orientation in Phy. Ed.	1	*Math. Elective ⁽⁺⁾	3
Ed. 105—Assembly	1/2		
	17		19

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	*Humanities Elective ⁽⁺⁺⁾	3
Soc. 201—Intro. to Social Science	3	Soc. 202—Intro. to Social Science	3
**Sci. 201—Intro. to Physical Sci.	3	**Sci. 202—Intro. to Physical Sci.	3
Psy. 200—General Psychology	3	Psy. 222—Human Develop. and	3
I.Ed. 121—Basic Electricity	3	Psy. II	3
P.Ed. Recreational Activities	1	I.Ed. 221—Basic Electronics I	3
*Elective (Gen. Ed. or Minor)	3	P.Ed. Recreational Activities	1
	19	*Elective (Gen. Ed. or Minor)	3
			19

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
***Eng. 103—Fundamentals of Speech	3	***Phil. 200—Intro. to Philosophy,	3
***Econ. 211—Prins. of Economics or	3	Phil. 210—Logic, OR Humanities	3
Soc. 102—Prins. of Geography	0-3	Elective ⁽⁺⁺⁺⁾	3
I.Ed. 141—General Metals	3	P.Ed. 221—Health and Safety	2
I.Ed. 231—General Shop (Crafts) I	3	I.Ed. 241—Machine Tool Processing I	3
I.Ed. 371—Foundations of I.A. Ed.	3	I.Ed. 332—General Shop II	3
*Elective (Minor)	3	*Elective (I.Ed., Gen. Ed., or	0-3
	15-18	Minor)	0-3
		*Elective (Minor)	3
			14-17

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 305—Contemporary Social Prob.	3	Ed. 410 I.A.—Methods of Teach. I.A.	3
I.Ed. 471—Prep. of Instructional	3	Ed. 412—Adm. of Pub. Schools	3
Materials	3	Ed. 452—Fundamentals of Sec. Ed.	3
(+)I.Ed. Elective	3	Ed. 400—Supervised Teaching	8
*Elective (I.Ed., Gen. Ed., or	3-6		
Minor)	3-6		
	12-15		17

*As approved by advisor.

**Students who minor in Chemistry will enroll in Chem. 101, 102 instead of Sci. 201, 202.

***May be taken either semester.

****Required of all students who do not minor in Economics.

(+)Math. elective may be 100, 101, or 105.

(++)Fine arts (music, art, drama).

(+++Select from literature, fine arts, journalism, speech or philosophy.

(++)Select from I.Ed. 206, 321, 341, or 361.

ASSOCIATE IN APPLIED SCIENCE DEGREE— ARCHITECTURAL DRAFTING TECHNOLOGY CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Math. 101—College Algebra (Integrated	3	Math. 102—Trigonometry (Integrated	3
course), or Math. 105—		course), or Math. 106—	
Freshman Mathematics I	3	Freshman Mathematics II	3
Chem. 101—General Chemistry	4	Hist. 102—World Civilization	3
Hist. 101—World Civilization	3	I.Ed. 100B—Industrial Technology	3
I.Ed. 100A—Industrial Technology	3	Orientation	1
Orientation	1	I.Ed. 102—Drafting Fundamentals II	3
I.Ed. 101—Drafting Fundamentals I	3	I.Ed. 104—Descriptive Geometry	3
	17	I.Ed. 106—Slide Rule	1
			17

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Econ. 211—Principles of Economics	3	I.Ed. 202—Technical Illustration	3
Sci. 211—General College Physics	4	I.Ed. 207—Architectural Drafting II	3
I.Ed. 141—General Metals	3	I.Ed. 209—Industrial Design	3
I.Ed. 206—Architectural Drafting I	3	I.Ed. 245—Industrial Materials and	3
*Elective	3	Processes	3
	16	I.Ed. 246—Material Testing	1
		*Elective	3
			16
		Total for Two Years:	66

ASSOCIATE IN APPLIED SCIENCE DEGREE— CIVIL DRAFTING TECHNOLOGY CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Math. 101—College Algebra (Integrated	3	Math. 102—Trigonometry (Integrated	3
course), or Math. 105—		course), or Math. 106—	
Freshman Mathematics I	3	Freshman Mathematics II	3
Chem. 101—General Chemistry	4	Hist. 102—World Civilization	3
Hist. 101—World Civilization	3	I.Ed. 100B—Industrial Technology	3
I.Ed. 100A—Industrial Technology	3	Orientation	1
Orientation	1	I.Ed. 102—Drafting Fundamentals II	3
I.Ed. 101—Drafting Fundamentals I	3	I.Ed. 106—Slide Rule	1
	17	I.Ed. 104—Descriptive Geometry	3
			17

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Econ. 211—Principles of Economics	3	I.Ed. 202—Technical Illustration	3
Sci. 211—General College Physics	4	I.Ed. 205—Civil Drafting II	3
I.Ed. 141—General Metals	3	I.Ed. 209—Industrial Design	3
I.Ed. 204—Civil Drafting I	3	I.Ed. 245—Industrial Materials and	3
*Elective	3	Processes	3
	16	I.Ed. 246—Material Testing	1
		*Elective	3
			16
		Total for Two Years:	66

*As approved by advisor.

ASSOCIATE IN APPLIED SCIENCE DEGREE— ELECTRONICS TECHNOLOGY CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Math. 101—College Algebra (Integrated course), or Math. 105—Freshman Mathematics I	3	Math. 102—Trigonometry (Integrated course), or Math. 106—Freshman Mathematics II	3
Chem. 101—General Chemistry	4	Hist. 102—World Civilization	3
Hist. 101—World Civilization	3	I.Ed. 100B—Industrial Technology Orientation	1
I.Ed. 100A—Industrial Technology Orientation	1	I.Ed. 106—Slide Rule	1
I.Ed. 121—Basic Electricity	3	I.Ed. 221—Basic Electronics I	3
		I.Ed. 225—Residential and Industrial Electricity	3
	17		17

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Econ. 211—Principles of Economics	3	I.Ed. 102—Drafting Fundamentals II	3
Sci. 211—General College Physics	4	I.Ed. 202—Technical Illustration	3
I.Ed. 101—Drafting Fundamentals I	3	I.Ed. 245—Industrial Materials and Processes	3
I.Ed. 141—General Metals	3	I.Ed. 246—Material Testing	1
I.Ed. 321—Basic Electronics II	3	I.Ed. 322—Basic Electronics III	3
	16	*Elective	3
			16
		Total for Two Years:	66

ASSOCIATE IN APPLIED SCIENCE DEGREE— METAL TECHNOLOGY CURRICULUM

FRESHMAN YEAR

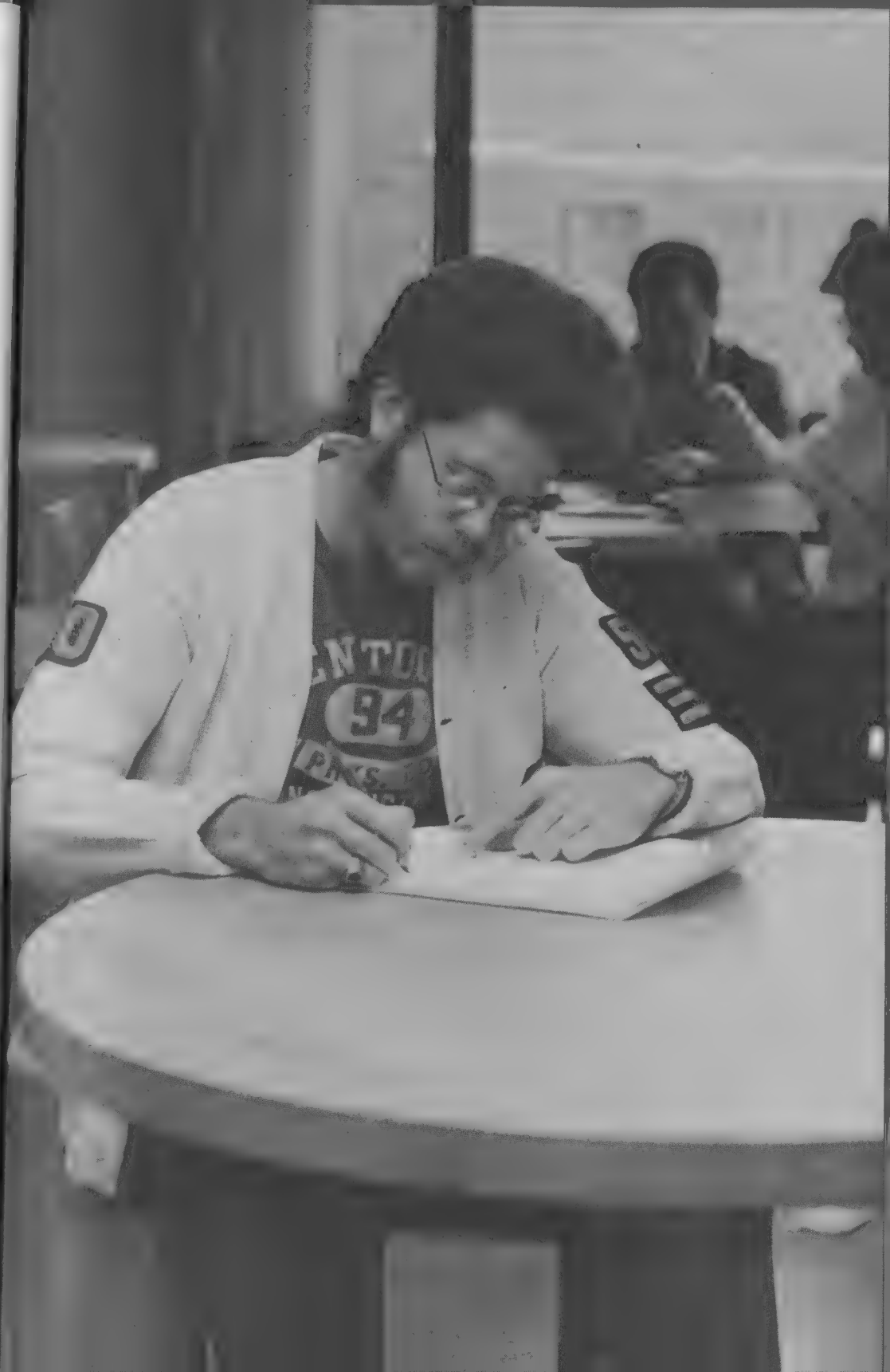
First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Math. 101—College Algebra (Integrated course), or Math. 105—Freshman Mathematics I	3	Math. 102—Trigonometry (Integrated course), or Math. 106—Freshman Math. II	3
Chem. 101—General Chemistry	4	Hist. 102—World Civilization	3
Hist. 101—World Civilization	3	I.Ed. 100B—Industrial Technology Orientation	1
I.Ed. 100A—Industrial Technology Orientation	1	I.Ed. 102—Drafting Fundamentals II	3
I.Ed. 101—Drafting Fundamentals I	3	I.Ed. 106—Slide Rule	1
	17	I.Ed. 144—Welding	2
			16

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Econ. 211—Principles of Economics	3	I.Ed. 241—Machine Tool Process I	3
I.Ed. 141—General Metals	3	I.Ed. 242—Machine Shop Production	3
I.Ed. 203—Machine Design	3	I.Ed. 245—Industrial Materials and Processes	3
I.Ed. 243—Metal Technology and Heat Treatment	3	I.Ed. 246—Material Testing	1
*Elective	5-6	I.Ed. 247—Production Planning	3
	17-18	I.Ed. 248—Tool Design	3
			16

Total for Two Years: 66 or 67

*As approved by advisor



COURSE DESCRIPTION

INDUSTRIAL EDUCATION 100A AND 100B. *Industrial Technology Orientation.*
(Formerly, Industrial Technology 100A and 100B). Orientation to current concepts of industrial technology and their relationships to education and industry. In addition to study through discussion, general reading, and visitation of Highway Department, industries, trades, and business, liberal use will be made of films and other aids to acquaint students with the general nature of their chosen technical areas. Credit 1 hour.

INDUSTRIAL EDUCATION 101. *Drafting Fundamentals I.*
(Formerly, Industrial Arts 101 and Industrial Technology 101). A basic course in engineering drawing with fundamentals in the use and care of instruments, lettering, and line construction. Basic rules of dimensioning, orthographic projection, auxiliary views, sectional and pictorial drawing. Course is open to all students. Credit 3 hours.

INDUSTRIAL EDUCATION 102. *Drafting Fundamentals II.*
(Formerly, Industrial Arts 102 and Industrial Technology 102). Inked drawing. Section and conversions. Problems in machine drawing and surface development. Credit 3 hours.

INDUSTRIAL EDUCATION 104. *Descriptive Geometry.*
(Formerly, Industrial Arts 123 and Industrial Technology 104). The representation of points, lines and planes in relative positions. Intersection of lines with plane surface; intersection of surfaces; sizes and shapes of plane areas, and development of curved surfaces. Credit 3 hours.

INDUSTRIAL EDUCATION 106. *The Slide Rule.*
(Formerly, Industrial Technology 106). Slide rule problems involving scales, multiplication, division, roots, powers, and solutions of trigonometric formulas and triangles. Course is open to all students. Credit 1 hour.

INDUSTRIAL EDUCATION 121. *Basic Electricity.*
(Formerly, Industrial Arts 223 and Industrial Technology 223). Basic study through intensive laboratory experimentation of instruments found in electricity/electronics laboratories and shops. Direct current, voltage and resistance measurements, law pertaining to DC. magnets and magnetic fields. Alternating current, capacitance, impedance, and inductance. Credit 3 hours.

INDUSTRIAL EDUCATION 141. *General Metal.*
(Formerly, Industrial Arts 201 and Industrial Technology 201). Basic study of metal layout, design, and fabrication, covering bench metal, forging, heat treating, welding, metal properties, plumbing, and metal spinning. Course is open to all students. Credit 3 hours.

INDUSTRIAL EDUCATION 144. *Welding.*
(Formerly, Industrial Technology 225 and 244). Study of metal fabricating processes, including cutting and welding by the oxyacetylene method, and welding by the arc method, and combination work. Credit 2 hours.

INDUSTRIAL EDUCATION 161. *Basic Woodwork.*

(Formerly, Industrial Arts 213). Introduction of wood technology, covering kinds, sources, basic characteristics and uses of wood and forest products; wood finishes, related materials, hardware, and wood industries; care and use of hand tools; simple jointing and wood processing. Course is open to all students. Credit 3 hours.

INDUSTRIAL EDUCATION 162. *Cabinetmaking.*

(Formerly, Industrial Arts 214). Advance hand woodworking units; cabinet construction with common woodworking tools; related information; finishing of furniture products, care and maintenance of tools. Credit 3 hours.

INDUSTRIAL EDUCATION 202. *Technical Illustration.*

(Formerly, Industrial Technology 202). Problems in product and production design illustration, covering isometric, dimetric, trimetric, obliques, perspectives, shades, shadows, use of color in technical illustration, and airbrush techniques. Credit 3 hours.

INDUSTRIAL EDUCATION 203. *Machine Design.*

(Formerly, Industrial Arts 411 and Industrial Technology 211). Problems in machine design, covering the development of cams, gears, and other linkage devices. Development of detailed and assembly drawings, with extensive use of machinist handbooks. Credit 3 hours.

INDUSTRIAL EDUCATION 204. *Civil Drafting I.*

(Formerly, Industrial Technology 233). Map drawing and reading, including topographic symbols, contours, projected locations, profile line and grade. Planning earth and concrete retaining structures. Credit 3 hours.

INDUSTRIAL EDUCATION 205. *Civil Drafting II.*

(Formerly, Industrial Technology 234). Construction of maps from field and route notes, reproducing and changing scales of maps. Surveying instruments. Use of special drafting instruments, and commercial drafting room practices. Credit 3 hours.

INDUSTRIAL EDUCATION 206. *Architectural Drafting I.*

(Formerly, Industrial Arts 451 and Industrial Technology 251). Architectural problems involving the development of plans for a structure—foundation plan, floor plan, elevations, sectional views, detailed views, and land plot—and estimating and specifications. Credit 3 hours.

INDUSTRIAL EDUCATION 207. *Architectural Drafting II.*

(Formerly, Industrial Technology 252). Plot surveying and drawing. Layouts for plumbing, heating, and electric power, Perspective drawing and rendering. Extensive study of building plans, estimates, and specifications. Credit 3 hours.

INDUSTRIAL EDUCATION 209. *Industrial Design.*

(Formerly, Industrial Arts 312 and Industrial Technology 212). Problems of product and process design in industry as special problems which concern the draftsman. Industrial arts students may select problems of design in furniture. Credit 3 hours.

INDUSTRIAL EDUCATION 221. *Basic Electronics I.*

(Formerly, Industrial Arts 323 and Industrial Technology 323). Review of basic electricity. Study starts with series and parallel circuits containing resistance, inductance and capacitance. Resonance and phase-shifting networks. Semiconductors and tube-type diode circuits and all types of power supplies and rectifiers. Transistor and tube characteristics, DC and AC amplifiers (Intensive laboratory work with set-up and testing in each experiment). Credit 3 hours.

INDUSTRIAL EDUCATION 225. *Residential and Industrial Electricity.*

(Formerly, Industrial Arts 243 and Industrial Technology 243). Power wiring principles, (materials, and problems involved). DC motor and generator principles, systems and controls. Study and examination of AC motors and alternators covering conditions affecting the line, such as, resistance, capacitance, and inductance relating to power factors. Credit 3 hours.

INDUSTRIAL EDUCATION 231. *General Shop (Crafts) I.*

(Formerly, Industrial Arts 111). Introduction to industrial and recreational components which are not treated in other courses. Problems are drawn from components such as leather, graphic arts, art metal, and wood crafts. Course is open to all students. Credit 3 hours.

INDUSTRIAL EDUCATION 241. *Machine Tool Processing I.*

(Formerly, Industrial Arts 303 and Industrial Technology 203). Basic study of machine shop practice. Use of files, chisels, and other bench tools. Use of precision instruments. Basic experiences on the lathe, shaper, drill press, grinder, and milling machine. Credit 3 hours.

INDUSTRIAL EDUCATION 242. *Machine Shop Production.*

(Formerly, Industrial Technology 214). A complete machine tool of original design will be built. This project involves some use of student-built jigs and fixtures, and principles of assembling and fitting all individual parts to form the complete machine. Modern precision inspection techniques will be correlated with all production processes. Credit 3 hours.

INDUSTRIAL EDUCATION 243. *Metal Technology and Heat Treatment.*

(Formerly, Industrial Technology 215). A study of the properties of ferrous and non-ferrous metal by changing the alloy-rate of heating and cooling. Emphasis on correct use of technological terms of the metals industry. Credit 3 hours.

INDUSTRIAL EDUCATION 245. *Industrial Materials and Processes.*

(Formerly, Industrial Technology 204). Properties of engineering material, basic structure of materials (mechanical and chemical properties), and control of properties during production and fabrication. Analytical study of new industrial materials and their use. Credit 3 hours.

INDUSTRIAL EDUCATION 246. *Material Testing.*

(Formerly, Industrial Technology 206). Study of simple stresses and elastic properties of various industrial materials. A combination of theory and laboratory course work designed to serve all applied science students. Credit 1 hour.

INDUSTRIAL EDUCATION 247. *Production Planning.*

(Formerly, Industrial Technology 224). An analysis is made of the processes required for manufacture of a selected mechanical assembly; written plan sheets are made of these processes and the procedures are checked by actual shop production of the assembly. Problems of modern manufacture and inspection routines are stressed. Credit 3 hours.

INDUSTRIAL EDUCATION 248. *Tool Design.*

(Formerly, Industrial Technology 254). The design of jigs, fixtures, punches, dies, and other special tools of production. Credit 3 hours.

INDUSTRIAL EDUCATION 321. *Basic Electronics II.*

(Formerly, Industrial Arts 324 and Industrial Technology 324). (Applied Electronics Communication). Further study in amplifiers, (tube and solid state). Detector circuits and T-R-F receivers. Oscillators of all types, Silicon control rectifier circuits, and integrated circuits. Course is completed with possible construction of student-designed project initiated by a paper to be turned in by mid-semester. All study is done in conjunction with both student and instructor-supervised laboratory experiments. Credit 3 hours.

INDUSTRIAL EDUCATION 322. *Basic Electronics III.*

(Formerly, Industrial Arts 325 and Industrial Technology 325). (Applied Industrial Electronics). Study through lecture and laboratory experimentation of fundamentals of tubes and semiconductors as sensory, load and control devices. Special consideration is given to power supplies and rectifiers circuits, switching and timing circuits, amplifiers, and oscillators. Application of rectifiers with special emphasis on SCR circuits. Instantaneous timing and sequence controls. Amplifiers, receivers and oscillators used in industrial application. A paper (technical report) is prepared on a student-designed and constructed project. Credit 3 hours.

INDUSTRIAL EDUCATION 332. *General Shop (Ceramics and Plastics) II.*

(Formerly, Industrial Arts 302). Technical information and product development in plastic and ceramic art. Plastic fabrication, construction of molds and forms, and plastic tooling. Experience in industrial ceramic production, and developing problems and projects for clay. Credit 3 hours.

INDUSTRIAL EDUCATION 341. *Machine Tool Processing II.*

(Formerly, Industrial Arts 401). Machine shop practice, covering more advanced experiences in lathe operations (thread cutting, knurling, boring, and taper turning), and shaper, drill press, and milling machine operations. (Advanced course for Industrial Arts students). Credit 3 hours.

INDUSTRIAL EDUCATION 361. Machine Woodwork.

(Formerly, Industrial Arts 315). Advanced problems in machine processing. Production work. Maintenance of woodworking machinery. Credit 3 hours.

INDUSTRIAL EDUCATION 371. Foundations of Industrial Arts Education: Historical and Philosophical.

(Formerly, Industrial Arts 371). Historical and philosophical factors which have contributed to contemporary industrial arts education, and problems, activities, requirements, and responsibilities of industrial arts teachers. Prerequisite: Junior standing. Credit 3 hours.

INDUSTRIAL EDUCATION 471. Preparation and Evaluation of Instructional Materials.

(Formerly, Industrial Arts 362). Advantages and disadvantages of written instruction. Types of instruction sheets. Proper choice and reproduction of instructional materials. Types of audio-visual instructional materials and their use. Credit 3 hours.

**LIBRARY TECHNOLOGY****Objectives:**

The objectives of Library Technology are:

1. To prepare the student for a career as a paraprofessional in a public school, college or special library.
2. To give the student an overview of various types of libraries.
3. To provide basic courses as a foundation for service to library patrons.
4. To provide training in library procedures which will prepare the student to support the professional librarian.

**ASSOCIATE IN APPLIED SCIENCE DEGREE—
LIBRARY TECHNOLOGY
CURRICULUM**

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
L.T. 313—Intro. to Library Organization	3	L.T. 440—Library Acquisition Procedures	3
L.T. 331—Literature and Related Materials for Children	3	Eng. 102—English Composition	3
Ed. 101—Art Education	3	Math. 100—Fund. of Mathematics	3
Eng. 101—English Composition	3	Music 221—Music Appreciation	2
O.A. 100—Elem. Typewriting	2	O.A. 103—College Typewriting I.	3
Soc. 201—An Intro. to the Social Sciences	3	Soc. 202—An Intro. to the Social Sciences	3
	<hr/> 17		<hr/> 17

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
L.T. 300—Basic Cataloging and Classification	3	L.T. 341—Information Sources	3
L.T. 432—Literature and Related Materials for Young People	3	L.T. 442—Circulation	2
Eng. 211—Intro. to Literature	3	C.S. 100—Intro. to Electronic Data Processing	3
Hist. 101—World Civilization	3	Psy. 200—General Psychology	3
O.A. 211—Elem. Stenography I.	3	Ed. 442—Audio-Visual Education	3
O.A. 325—Office Machines	2	Eng. 212—Intro. to Literature	3
	<hr/> 17		<hr/> 17

Total for Two Years: 68

COURSE DESCRIPTION

LIBRARY TECHNOLOGY 300. *Basic Cataloging and Classification.*

An introductory course embracing the principles underlying the cataloging and classifying of books. The abridged Dewey Classification scheme is used. Emphasis is on simplified techniques of cataloging. Making unit cards and filing are included. Credit 3 hours.

LIBRARY TECHNOLOGY 313. *Library Organization and Administration.*

An introductory course designed to give an overview or broad picture of libraries and their function. Emphasis is placed on the philosophy of school librarianship, housing and equipment, acquisition and mechanical processing of library materials, circulation routines, public relations, library standards, and related topics. Credit 3 hours.

LIBRARY TECHNOLOGY 331. *Literature and Related Materials for Children.*

A course designed for teachers and librarians planning to work with children. Explores the field of literature for children, including its historical development and current trends. A study is made of poetry, folk and fairy stories, fiction and history, biography and animal stories, and other non-fictional books. Criteria for judging each group and methods of use with the school curriculum are considered. Aids in the selection of book materials are included. Credit 3 hours.

LIBRARY TECHNOLOGY 341. *Information Sources.*

Designed to acquaint students with basic types of reference books and other reference materials essential to the reference phase of library service. Includes the organization and administration of reference service as well as an introduction to bibliographic methods. Credit 3 hours.

LIBRARY TECHNOLOGY 432. *Literature and Related Materials for Young People.*

A course designed for teachers and librarians planning to work with young people. Emphasis is placed on reading interests, materials to supplement the curriculum, understanding book reviews and book talks, and book selection aids. Short stories, drama, novels, biography, travel and other subject areas are emphasized. Credit 3 hours.

LIBRARY TECHNOLOGY 440. *Library Acquisition Procedures.*

Various procedures for ordering and processing orders for library material. Processing periodicals, pamphlets, records, picture collections and their inventory. Making order lists for purchases, checking shipments and invoices. Keeping bindery records. Computation of costs with a survey of bookkeeping techniques. Credit 3 hours.

LIBRARY TECHNOLOGY 442. *Circulation.*

Special emphasis is placed on charging systems, routines at the loan desk, use of the card catalog, loan work in the periodical room and departmental libraries. Attention is also given to loan work in various types of libraries, statistics, general regulations, fines and shelf work. Personal assistance to patrons is also emphasized. Credit 2 hours.

DEPARTMENT OF MATHEMATICS

The objectives of the Department of Mathematics and Physics are:

1. To offer a major in Mathematics for those who plan to teach Mathematics in secondary schools and prepare for advanced study.
2. To give mathematics back-ground needed by students who plan to enter areas of Science, Computer Science and Engineering.
3. To give a general picture of the important part Mathematics has played in the development of civilization in ancient and modern times.

PLACEMENT TEST.

All students entering Kentucky State are given a mathematics placement test. On the basis of test scores, students are placed in the basic courses in first year mathematics. ACT scores are also used for placement purposes.

PROGRAMS FOR MINORS IN MATHEMATICS

A minimum of 18 hours is needed for a minor in Mathematics. There are two plans.

1. Plan I is followed by students who are admitted to Mathematics 105—Freshman Mathematics 1.
2. Plan II is followed by those admitted to Mathematics 101—Elementary Functions from College Algebra.
 - (a) Grades of C and above must be carried by all persons taking a Minor in Mathematics.
 - (b) Mathematics 100, 103, 104 and 314 will not be allowed for credit toward a Minor.
 - (c) Students desiring to take Mathematics as their Minor must obtain approval from Chairman of Department.

PLAN I

	Hours
Math. 105—Fresh. Math. I.	3
Math. 106—Fresh. Math. II.	3
Math. 202—Solid Anal. Geom.	3
Math. 203—Calculus	3
Math. 204—Calculus	3
Math. 303—Diff. Equations	3
	<hr/> 18

PLAN II

	Hours
Math. 101—Elem. Funct. (Frm. Alg.)	3
Math. 102—Trigonometric Funct. & Lin. Equations	3
Math. 201—Plane Anal. Geom.	3
Math. 202—Solid Anal. Geom.	3
Math. 203—Calculus	3
Math. 204—Calculus	3
Math. 303—Differential Equations	3
	<hr/> 21

CURRICULUM I CURRICULUM FOR MATHEMATICS MAJORS WITHOUT CERTIFICATION

(Placement Test shows students should enter Mathematics 101)

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Hours</i>		<i>Hours</i>
Math. 101—Elem. Funct. Col. Alg.	3	Math. 102—Trig. Funct. & Lin. Equations	3
Eng. 101—English Composition	3	Eng. 102—Eng. Composition	3
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Ed. 100—Fresh. Orient.	1/2	P.Ed. 102—Orient. in P.Ed.	1
P.Ed. 101—Orient. in P.Ed.	1		
Ed. 105—Assembly	1/2		
	18		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Hours</i>		<i>Hours</i>
Math. 203—Calculus	3	Math. 204—Calculus	3
Math. 201—Plane Analytic Geom.	3	Sci. 202—Solid Anal. Geom.	3
Psy. 200—General Psychology	3	Psy. 222—Human Dev. & Psy. II	3
Soc. 201—Intro. to Soc. Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
P.Ed. 201—Rec. Activities	1	P.Ed. 202—Rec. Activities	1
	16		16

JUNIOR YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Hours</i>		<i>Hours</i>
Math. 307—Linear Algebra	3	Math. 309—Modern Geometry	3
Elective	8	Elective	8
Sci. 211—Gen. Physics	4	Sci. 212—Gen. Physics	4
P.Ed. 221—Health & Safety	2	Math. 303—Differential Equations	3
	17		18

SENIOR YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Hours</i>		<i>Hours</i>
Math. 403—Adv. Calculus I	3	Math. 404—Adv. Calculus II	3
Math. 401—Mod. Algebra I	3	Math. 402—Mod. Algebra II	3
Elective	12	Elective	9
	18		15

Total 132 hours.

Math. Total 39 hours.

Elective 37 hours, giving the student a chance to take a second major.

CURRICULUM II CURRICULUM FOR MATHEMATICS MAJORS WITHOUT CERTIFICATION

(Placement Test shows students eligible to take Mathematics 105)

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Hours</i>		<i>Hours</i>
Math. 105—Fresh. Math. I	3	Math. 105—Fresh. Math. II	3
Eng. 101—Eng. Composition	3	Eng. 102—Eng. Composition	3
Fren. 101—Elem. French	3	Fren. 102—Elem. French	3
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Ed. 100—Fresh. Orientation	1/2	P.Ed. 102—Orient. in P.Ed.	1
P.Ed. 101—Orient. in P.Ed.	1		
Ed. 105—Assembly	1/2		
	18		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Hours</i>		<i>Hours</i>
Math. 203—Calculus	3	Math. 204—Calculus	3
Sci. 211—General Physics	4	Sci. 212—General Physics	4
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Soc. 201—Intro. to Soc. Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Psy. 200—General Psychology	3	Psy. 222—Human Dev. and Psy. II	3
P.Ed. 201—Rec. Activities	1	P.Ed. 202—Rec. Activities	1
	17		17

JUNIOR YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Hours</i>		<i>Hours</i>
Math. 307—Linear Algebra	3	Math. 309—Modern Geometry	3
Elective (General)	6	Math. 303—Diff. Equations	3
Elective (Minor)	6	Elective (Minor)	6
P.Ed. 221—Health and Safety	2	Elective (General)	3
	17		15

SENIOR YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Hours</i>		<i>Hours</i>
Math. 403—Adv. Calculus I	3	Math. 404—Adv. Calculus II	3
Math. 401—Mod. Algebra I	3	Math. 402—Modern Algebra II	3
Elective (Minor)	6	Elective (Minor)	6
Elective (General)	3	Elective (General)	3
	15		15

CURRICULUM III CURRICULUM FOR MATHEMATICS MAJORS WITH CERTIFICATION

FRESHMAN YEAR

First Semester		Second Semester	
	Hours		Hours
Math. 101—Elem. Funct. Col. Alg. --	3	Math. 102—Trig. Func. & Lin. Equations	3
OR		OR	
Math. 105—Fresh. Math. I	3	Math. 106—Fresh. Math. II	3
Eng. 101—Eng. Composition	3	Eng. 102—Eng. Composition	3
Fren. 101—Elem. French	3	Fren. 102—Elem. French	3
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Ed. 100—Fresh. Orient.	1/2	P.Ed. 102—Orient. in P.Ed.	1
P.Ed. 101—Orient. in P.Ed.	1		
Ed. 105—Assembly	1/2		
	18 1/2		17

SOPHOMORE YEAR

First Semester		Second Semester	
	Hours		Hours
Math. 203—Calculus	3	Math. 204—Calculus	3
Math. 201—Plane Anal. Geom.	3	Math. 202—Solid Anal. Geom.	3
Psy. 200—General Psychology	3	Psy. 222—Human Dev. and Psy. II	3
Soc. 201—Intro. to Soc. Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
P.Ed. 201—Rec. Activities	1	P.Ed. 202—Rec. Activities	1
Mus. 221—Music Apprec.	3		
	19		16

JUNIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Math. 307—Linear Algebra	3	Math. 306—College Geom.	3
Elective (Minor)	6	Elective (Minor)	3
Sci. 211—Gen. Physics	4	Math. 302—Elem. Number Theory	3
Elective (Pre-Professional)	3	Math. 303—Diff. Equations	3
P.Ed. 221—Health & Safety	2	Elective (Pre-Professional)	3
	18	Ed. 452—Fund. of Sec. Education	3
			18

SENIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Math. 403—Adv. Calculus	3	Ed. 412—Admin. of Pub. Schools	3
Math. 401—Modern Algebra	3	Ed. 410—Teaching of Math.	3
Elective (Minor)	9	Ed. 400—Supervised Teaching	8
Elective (Pre-Professional)	3		
	18		14

COURSE DESCRIPTION

NOTE: Mathematics 100 is designed to meet the needs of students who show by their entrance test, that they are not ready for 101. This course may not be used for credit towards a Major in Mathematics. Credit 3 hours.

MATHEMATICS 100. *Fundamentals of Mathematics.*

This course includes an introduction to the study of sets; the properties of the fundamental operations with respect to the natural numbers, whole numbers, integers, rational numbers, and real numbers; Algebraic expressions; solution sets for various open sentences including first degree inequalities and equations and quadratic equations; and relations and functions. Credit 3 hours.

MATHEMATICS 101. *Elementary Functions from College Algebra.*

Topics introduced include sets, relations, functions, inequalities, Cartesian coordinates and logic. The functions defined and graphed are absolute value, linear, quadratic, exponential, logarithmic and circular point. A brief discussion of rational functions is also included. Credit 3 hours.

MATHEMATICS 102. *Trigonometric Functions and Linear Equations.*

Basic properties of the trigonometric circular functions and their graphs are given, including solutions to triangles and the inverse circular functions. Systems of equations in more than one variable and in particular solutions to linear systems of equation are developed. Combinations and permutations are briefly discussed. Credit 3 hours.

MATHEMATICS 103. *Foundations of Mathematics for Elementary Teachers.*

Nature of mathematics, role of mathematics in our culture. Sets, whole number system, numeration systems, bases, non-negative rational numbers, introduction to negative rational numbers. Special attention will be given to needs of elementary teachers. Prerequisite: 2 units high school mathematics. Credit 3 hours.

MATHEMATICS 104. *Foundations of Mathematics for Elementary Teachers.*

Continuation of Mathematics 103. Elementary number theory—modular arithmetic, real number system—informal discussion of structure. Prerequisite: Mathematics 103 or equivalent. Credit 3 hours.

MATHEMATICS 105. *Freshman Mathematics I.*

Sets, Relations and Functions, Elementary logic in Mathematics, Real Numbers, Introduction to Plane Analytic Geometry (Linear Functions), Combinations of Functions. Prerequisite: ACT test 85 Percentile or consent of Instructor. Credit 3 hours.

MATHEMATICS 106. *Freshman Mathematics II.*

Continuation of Mathematics 105. Conic sections, Polar Coordinates, Vectors in Plane, Matrices and Determinants, Vectors in space, Quadric Surfaces. Prerequisite: Mathematics 105. Credit 3 hours.

MATHEMATICS 107. *Basic Concepts of Mathematics.*

Some principles of Logic, Algebra of Sets, Equivalence Relations, Functions, Boolean Algebra, Order Relations, Number systems—Rational, Real and Complex, Numbers, Groups. Prerequisite: Mathematics 106 or consent of instructor. Credit 3 hours.

MATHEMATICS 108. *Basic Concepts of Mathematics.*

Continuation of Mathematics 107. Rings, Fields, Vector Algebra, Sequences and Series, Limits and Continuity Concepts, Derivative and Integral. Prerequisite: Mathematics 107. Credit 3 hours.

MATHEMATICS 201. *Plane Analytic Geometry.*

A study of rectangular coordinates, lines, transformations of coordinates, circles, parabola, ellipse and hyperbola, curves of higher degree, exponential and logarithmic curves, parametric equations, polar coordinates, curve fitting. Prerequisites: Mathematics 101 and 102. Credit 3 hours.

MATHEMATICS 203. *Calculus.*

This course is an introduction to the calculus of real valued functions of one real variable. Included is a review of functions; limit of a function; and differentiation and integration of continuous functions (the logarithm, exponential and trigonometric functions. Prerequisite: (or concurrent) Mathematics 201. Credit 3 hours.

MATHEMATICS 204. *Calculus.*

This course is a continuation of Mathematics 203 which includes the topics; some techniques and applications of integration, sequences, and series, L'Hospital's Rule, and improper integrals. Credit 3 hours.

MATHEMATICS 302. *Elements of Theory of Numbers.*

Topics discussed include the basic divisibility properties of integers, The Prime Number Theorem, Congruences and Multiplicative number theoretic functions. Prerequisite: Consent of Instructor. Credit 3 hours.

MATHEMATICS 303. *Differential Equations.*

This course is designed to meet the needs of students of Pure and Applied Mathematics and Science. Prerequisite: Mathematics 204. Credit 3 hours.

MATHEMATICS 306. *College Geometry.*

Geometrical construction, properties of triangle, transversals, harmonic ranges, Cross Ratio. Designed for students who expect to teach high school geometry. Lecture and recitation. Prerequisite: (Consent of Instructor). Credit 3 hours.

MATHEMATICS 307. *Linear Algebra.*

Coordinates, vectors, vector spaces, subspaces, Euclidean N-space, determinants, linear transformation, linear transformation and matrices, bilinear and quadratic forms. Prerequisite: Mathematics 203. Credit 3 hours.

MATHEMATICS 309. *Introduction to Modern Geometry.*

Historical introductions, Axiom Systems, Projective plane geometry, linear transformations, Projective Metric Geometry, Circular Transformations. Prerequisite: Mathematics 306 or consent of Instructor. Credit 3 hours.

MATHEMATICS 311. *Elementary Vector Analysis.*

Algebra of vectors, calculus of vectors. Prerequisite: Mathematics 303. Credit 3 hours.

MATHEMATICS 314. *Teachers' Arithmetic.*

A review of the essentials of arithmetic, development of skills, accuracy and methods of teaching fundamentals of arithmetic to pupils in the elementary school. Credit 3 hours.

MATHEMATICS 401. *Modern Algebra I.*

Operations, Permutations, Group, Isomorphisms, Factor Groups, Sylows Theorem, Applications. Prerequisite: Consent of Instructor. Credit 3 hours.

MATHEMATICS 402. *Modern Algebra II.*

Continuation of Mathematics 401. Rings, Integral domains, Quotient rings and Ideals, Extension fields, Vector spaces. Prerequisite: Mathematics 401. Credit 3 hours.

MATHEMATICS 403. *Advanced Calculus I.*

Real numbers and Euclidean N-space, continuous functions, differentiable Functions of one variable, of several variables. Riemann Integral. Credit 3 hours.

MATHEMATICS 404. *Advanced Calculus II.*

Classical Lebesgue Integral, Power Series, Fourier Series. Curves, Surfaces, and Integral Theorem, Divergence, Theorems of Green and Stokes. Some Applications. Credit 3 hours.

MATHEMATICS 405. *Sets, Logic and Foundations of Mathematics.*

Point-sets. An elementary account of mathematical logic and some of the developments in connection with the foundations of mathematics. Prerequisite: Consent of Instructor. Credit 3 hours.

PHYSICS

SCIENCE 211. *General Physics.*

A general elementary course covering Mechanics, Wave Motion and Sound, Heat and Thermodynamics. Prerequisite: Mathematics 101 and 102. Credit 4 hours.

SCIENCE 212. *General Physics.*

A continuation of Science 211. Electricity and Magnetism, Light, and an introduction to Atomic Structure. Prerequisite: Science 211. Credit 4 hours.

SCIENCE 303. *Electricity and Magnetism.*

For students who desire to continue the study of electricity and magnetism begun in Science 212. Covering the theory and use of electrical equipment, Methods of Measuring Current, power, electromotive forces, inductance and capacitance. Prerequisite: Science 212 and Mathematics 204. Credit 3 hours.

MEDICAL TECHNOLOGY CURRICULUM

Students who successfully complete this curriculum are awarded the Bachelor of Science degree in Medical Technology. This curriculum combines a minimum of three years of college work at Kentucky State with twelve calendar months of satisfactory technical training at the Lexington Clinic, Lexington, Kentucky. All graduation requirements for the Bachelor's Degree at Kentucky State must be met before work is begun at the Clinic.

MEDICAL TECHNOLOGY CURRICULUM

FRESHMAN YEAR

First Semester		Hours	Second Semester		Hours
Eng.	101—English Composition	3	Eng.	102—English Composition	3
Hist.	101—World Civilization	3	Hist.	102—World Civilization	3
Biol.	103—Life Science	4	Biol.	104—Life Science	4
Math.	101—College Algebra	3	Math.	102—Trigonometry	3
Lang.	101—Mod. Foreign Lang. French, Spanish, German	3	Lang.	102—Modern Foreign Lang. French, Spanish, German	3
P.Ed.	101—Orientation in P.Ed.	1	P.Ed.	102—Orientation in P.Ed.	1
Educ.	100—Freshman Orientation	1/2			
Ed.	105—Assembly	1/2			
		18			17

SOPHOMORE YEAR

First Semester		Hours	Second Semester		Hours
Eng.	211—Intro. to Literature	3	Eng.	211—Intro. to Literature	3
Chem.	101—General Chemistry	4	Chem.	102—General Chemistry	4
Soc.	201—Intro. to Soc. Sci.	3	Soc.	202—Intro. to Soc. Sci.	3
Biol.	205—Microtechnique & Hist.	4	Biol.	302—Gen. Microbiology	3
Lang.	201—Modern Foreign Lang. French, Spanish, German	3	Lang.	202—Mod. Foreign Lang. French, Spanish, German	3
P.Ed.	201—Recreational Activities	1	P.Ed.	202—Recreational Activities	1
		18			17

JUNIOR YEAR

First Semester		Hours	Second Semester		Hours
Music or Art	Appreciation	3	Elective		3
Biol.	301—Gen. Human Phys.	4	Biol.	304—Vertebrate Embryology	4
Chem.	201—Organic Chemistry	4	Chem.	202—Organic Chemistry	4
Sci.	207—Intro. to Physics	3	Sci.	208—Intro. to Physics	3
Psy.	200—General Psychology	3	Psy.	222—Human Dev. & Psych.	3
		17			17

SENIOR YEAR

Offered at Clinics in Lexington and Louisville

DEPARTMENT OF MODERN FOREIGN LANGUAGES

The Department of Modern Foreign Languages offers courses in French, Spanish and German, with majors and minors in the first two languages. A major in French or Spanish shall consist of twenty-four (24) semester hours, exclusive of the elementary courses (101, 102), and, in some instances, of the elementary and intermediate courses (201, 202).

The minor shall consist of eighteen (18) semester hours, exclusive of the elementary courses (101, 102). All majors must take a course in "Methods of Teaching Modern Foreign Languages."

Courses in the 100, 200, and 300 series are offered every year; more advanced courses are offered as needed.

Continuation courses (101, 102, 201, 202) cannot be taken concurrently. Neither can a more advanced elementary or intermediate course be taken before a more elementary course (102 or 202 before 101 or 201, respectively). Elementary and intermediate courses (101, 102, 201, 202) must be taken in sequence.

PROFICIENCY TEST

Freshman students entering Kentucky State with two or more units of high school French, German or Spanish are required to take a language proficiency test if they wish to take a course in the same language studied in high school. No credit will be given such students if they enroll in an elementary course without taking the proficiency test.

A student majoring in another department may fulfill his entire foreign language requirement or a portion of it on the basis of his performance on proficiency tests, provided he secures the approval of his department.

AIMS

Elementary Courses

1. To teach the fundamentals of grammar, syntax and pronunciation of the modern foreign languages so that the students may be able to read them intelligently and speak and write them on an elementary level. Excellence in performance is encouraged at all times.
2. To develop interest in foreign cultures and literatures through graded, elementary readings and audio-visual aids.
3. To emphasize the aural-oral approach in the learning of the foreign language and to encourage active use of the language in conversation in class, in the laboratory and in daily situations.
4. To acquaint the students with the use of the Language Laboratory and other language teaching materials.

Advanced Courses

1. To study languages on a larger scale through increased speaking and writing activity.
2. To increase the students' interest in the country whose language they are studying through a study of the country's civilization, its literary contributions in special periods, and its cultural contributions to world civilization.
3. To give the necessary preparation to those students who desire to major or minor in languages.
4. To prepare majors for secondary teaching positions as well as for graduate and professional work.

CURRICULUM

MAJOR: FRENCH—MINOR: SPANISH

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
*Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
*Span. 101—Elementary Spanish	3	Span. 102—Elementary Spanish	3
Ed. 100—Freshman Orientation	1/2	P.Ed. 221—Health and Safety Ed.	2
P.Ed. 101—Orientation in P.Ed.	1	P.Ed. 102—Orientation in P.Ed.	1
Ed. 105—Assembly	1/2		
	17		18

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 221—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Sci. 201—Intro. to Physical Sci.	3	Sci. 202—Intro. to Physical Sci.	3
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
Fren. 201—Intermediate French	3	Fren. 202—Intermediate French	3
Span. 201—Intermediate Spanish	3	Span. 202—Intermediate Spanish	3
Psv. 200—General Psychology	3	Psv. 222—Human Develop. & Psy. II	3
P.Ed. 201—Recreational Activities	1	P.Ed. 202—Recreational Activities	1
	19		19

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Econ. 211—Prin. of Economics	3	Soc. 305—Contemp. Soc. Prob.	3
Fren. 301—Survey of French Lit.	3	Fren. 302—Survey of French Lit.	3
Span. 301—Survey of Spanish Lit.	3	Span. 302—Survey of Spanish Lit.	3
Fren. 311—French Composition	3	Fren. 312—French Conversation	3
Math. 100—Fundamentals of Math.	3	—Art or Music	3
	15		15

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Spanish Electives	6	Ed. 412—Admin. of Pub. Schools	3
French Electives	6	Ed. 452—Fund. of Secondary Ed.	3
Elective (Philosophy or Logic)	3	Ed. 410RL—Meth. of Tchg. Romance Languages	3
	15	Ed. 400—Supervised Teaching	8
			17

*Students entering with two or more units of high school language should not register for these courses.

CURRICULUM

MAJOR: SPANISH—MINOR: FRENCH

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
*Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
*Span. 101—Elementary Spanish	3	Span. 102—Elementary Spanish	3
Ed. 100—Freshman Orientation	1/2	P.Ed. 221—Health and Safety Ed.	2
P.Ed. 101—Orientation in P.Ed.	1	P.Ed. 102—Orientation in P.Ed.	1
Ed. 105—Assembly	1/2		
	17		18

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Sci. 201—Intro. to Physical Sci.	3	Sci. 202—Intro. to Physical Sci.	3
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
Fren. 201—Intermediate French	3	Fren. 202—Intermediate French	3
Span. 201—Intermediate Spanish	3	Span. 202—Intermediate Spanish	3
Psy. 200—General Psychology	3	Psy. 222—Human Develop. & Psy. II	3
P.Ed. 201—Recreational Activities	1	P.Ed. 202—Recreational Activities	1
	19		19

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Span. 311—Spanish Composition	3	Soc. 305—Contemp. Soc. Prob.	3
Fren. 301—Survey of French Lit.	3	Fren. 302—Survey of French Lit.	3
Span. 301—Survey of Spanish Lit.	3	Span. 302—Survey of Spanish Lit.	3
Econ. 211—Prin. of Economics	3	Span. 312—Adv. Spanish Conversation	3
Math. 100—Fundamentals of Math.	3	—Art or Music	3
	15		15

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Spanish Electives	6	Ed. 412—Admin. of Pub. Schools	3
French Electives	6	Ed. 452—Fund. of Secondary Ed.	3
Elective (Philosophy or Logic)	3	Ed. 410RL—Meth. of Tchg. Romance Languages	3
	15	Ed. 400—Supervised Teaching	8
			17

*Students entering with two or more units of high school language should not register for these courses.

COURSE DESCRIPTION

1. FRENCH

FRENCH 101. *Elementary French.*

A study of French pronunciation, sentence structure, syntax, vocabulary, verbs, etc., with emphasis on the aural-oral approach and a view toward development of conversation and speaking ability. One hour per week in the Language Laboratory is required of all students. Credit 3 hours.

FRENCH 102. *Elementary French.*

Continuation of French 101. More difficult phases of grammar studied. One hour per week in the Language Laboratory is required of all students. Prerequisite: French 101 or acceptable score on Proficiency Test. Credit 3 hours.

FRENCH 201. *Intermediate French.*

More extensive treatment of phases of grammar, including a review of all verbal tenses. Much use of pattern drills in grammar treatment. Extensive reading of French texts. Much written work is required. Prerequisite: French 102 or acceptable score on Proficiency Test. Credit 3 hours.

FRENCH 202. *Intermediate French.*

Continuation of French 201, including a thorough study of sentences with the conditional and subjunctive. Much supplementary reading. Prerequisite: French 201. Credit 3 hours.

FRENCH 301. *Survey of French Literature.*

A survey of French Literature from its beginning to the end of the 17th century. Readings of plays of Moliere, Racine, Corneille given much attention. Prerequisite: French 202. Credit 3 hours.

FRENCH 302. *Survey of French Literature.*

Continuation of French 301. A study of French Literature in the 18th, 19th and 20th centuries with special emphasis on Montesquieu, Rousseau, Voltaire, Balzac, Hugo, Vigny, Maupassant, Flaubert, Loti and a few of the contemporary writers. Special readings and reports. Prerequisite: French 301. Credit 3 hours.

FRENCH 311. *French Composition.*

Emphasis upon the written word. Frequent compositions, illustrating all phases of French grammar. Prerequisite: French 202. Credit 3 hours.

FRENCH 312. *French Conversation.*

Practice in the oral use of French. Regular conversations on topics of interest. Prerequisite: French 202. Credit 3 hours.

FRENCH 321. *French Civilization.*

A study of the civilization of France from pre-historic times to the present and of its contribution to world civilization. Special readings and reports. Conducted partly in French. Prerequisite: French 202. Credit 3 hours.

FRENCH 401. *French Literature of the 18th Century.*

A period course on the ideas, works and contributions of the principal writers of the century, particularly Marivaux, Beaumarchais, Rousseau, Voltaire, Montesquieu. Prerequisites: French 301 and 302. Credit 3 hours.

FRENCH 402. *French Literature of the 19th Century.*

An analysis of the thought and works of the principal French writers of the period with special emphasis on the genesis, development, and evolution of Romanticism, Realism, Naturalism, Parnassianism, Symbolism, etc. Prerequisites: French 301 and 302. Credit 3 hours.

FRENCH 411. *Twentieth Century French Novel.*

A study of such novelists as Camus, Sartre, Queneau, Proust, Gide, Celine, Colette, Malraux, Saint-Exupery, and Robbe-Grillet with readings from the major works. Analysis of the men and trends of the modern French novel. Prerequisites: French 301 and 302. Credit 3 hours.

FRENCH 412. *Twentieth Century French Drama and Poetry.*

A survey of the French drama and poetry in the twentieth century with study of the works of Prevert, Valery, Eluard, Dumas, Cocteau, Claudel, Giraudoux, Apollinaire, Michaux, Anouilh, Ionesco, Queneau. Prerequisites: French 301 and 302. Credit 3 hours.

FRENCH 431. *French Phonetics.*

An analysis of separate sounds with oral practice, designed to correct the student's own pronunciation. Much laboratory work. Prerequisite: Two years of college French above French 102. Credit 3 hours.

2. SPANISH**SPANISH 101. *Elementary Spanish.***

An introductory Spanish course with emphasis on the spoken language, based on the audio-lingual method: Pronunciation, grammar, vocabulary building drills, and readings. Laboratory practice is required for one hour every week. Credit 3 hours.

SPANISH 102. *Elementary Spanish.*

Continuation of Spanish 101 with emphasis on pronunciation, oral expression, and reading. Laboratory practice is required for one hour every week. Prerequisite: Spanish 101 or acceptable score on the Proficiency Test. Credit 3 hours.

SPANISH 201. *Intermediate Spanish.*

More advanced work on Spanish conversation, composition, reading, and translation. Review of grammar and idioms. Prerequisites: Spanish 101 and 102, or an acceptable score on the Proficiency Test. Credit 3 hours.

SPANISH 202. *Intermediate Spanish.*

Continuation of Spanish 201 with greater emphasis on conversation, reading and composition. Laboratory practice is required for one hour every week. Prerequisite: Spanish 201 or an acceptable score on the Proficiency Test. Credit 3 hours.

SPANISH 301. *Survey of Spanish Literature.*

A study of Spanish Literature from its beginning to 1700: formation of the Spanish language, representative writers and works, history of ideas, foreign influences, and significance of Spanish literary productions. Reading and discussion of literary selections, tape recordings, and book report. Conducted partly in Spanish. Prerequisites: Spanish 201 and 202, or an acceptable score on the Proficiency Test. Credit 3 hours.

SPANISH 302. *Survey of Spanish Literature.*

Continuation of Spanish 301. A study of Spanish Literature from 1700 to the contemporary period: Neo-Classicism, Romanticism, Costumbrism, Realist Novel, Naturalism, *Modernismo*, Generation of 1898, and 20th century trends, stressing the evolution of literary genres, ideas and styles. Reading and discussion of literary selections, tape recordings, and book report. Conducted partly in Spanish. Prerequisite: Spanish 301. Credit 3 hours.

SPANISH 303. *Survey of Spanish-American Literature.*

A study of Spanish-American Literature from the colonial period to 1910, with emphasis on the literary movements, writers, and works of the nineteenth century: Romanticism, Costumbrism, Realism, Naturalism and Modernism. Reading and discussion of literary selections, literary tape recordings, and book report. Conducted partly in Spanish. Prerequisites: Spanish 201 and 202, and, if possible, Spanish 301. Credit 3 hours.

SPANISH 304. *Survey of Spanish-American Literature.*

A study of Spanish-American Literature since 1910: literary trends, ideas, and styles, representative writers and works, foreign influences, contributions to world literature. Reading and discussion of literary selections, literary recordings, and book report. Prerequisite: Spanish 303. Credit 3 hours.

SPANISH 311. *Advanced Spanish Composition.*

Intensive work involving review of special grammatical constructions—verbs, idioms, tenses, prepositions, etc.—original composition, development of ideas, translation, and interpretation of literary passages. Special emphasis is placed on grammatical correctness, on the clear and logical expression of ideas, and on the idiomatic use of natural Spanish. Prerequisite: Spanish 202. Credit 3 hours.

SPANISH 312. *Advanced Spanish Conversation.*

Regular conversational practice designed to develop fluency, clarity and precision in the oral expression of ideas. Special emphasis on the development of the ability to understand and speak Spanish effectively. Discussions based on social customs, daily situations or experiences, current events, and topics of cultural or academic interest are developed. Prerequisite: Spanish 202. Credit 3 hours.

SPANISH 401. *Drama of the Siglo de Oro.*

A study of Spanish drama in the sixteenth and seventeenth centuries: dramatic antecedents, precursors, dramatic technique and theory, the world of the "comedia", representative writers and works, significance in world drama. Reading and discussion of several plays, tape recordings, special reports or analyses. Conducted partly in Spanish. One semester. Prerequisite: Spanish 301. Credit 3 hours.

SPANISH 402. *The Civilization of Spain.*

A study of Spanish civilization from the pre-Christian period to the present: outstanding events, institutions, and contributions in all the arts, in philosophy, politics, and religion. One semester. Recommended previous courses: Spanish 301 and 302. Credit 3 hours.

SPANISH 403. *The Civilization of Spanish America.*

A study of social, economic, cultural, and political life and institutions in Spanish America from the pre-Columbian period to the present, with emphasis on foreign influences, native problems and contributions to world civilization. Recommended previous courses: Spanish 303 and 304. Credit 3 hours.

SPANISH 411. *The Spanish Realist Novel of the 19th Century.*

A thorough study of the novel in Spain during the second half of the 19th century, especially the works of Alarcon, Galdos, Pereda, Valera, Palacio Valdes, and Pardo Bazan, stressing the style and novelistic technique of each writer, significance of the work, and evolution of the genre. Reading and discussion of several representative novels. One semester. Conducted partly in Spanish. Credit 3 hours.

SPANISH 412. *Spanish Literature of the 20th Century.*

A thorough study of Spanish letters from 1898 to the present with emphasis on the thought and work of the most representative writers. Generation of 1898, *Modernismo* in Spain, post-war trends, etc. Reading and discussion of representative selections, literary recordings, book report. Conducted partly in Spanish. One semester. Credit 3 hours.

SPANISH 431. *The Spanish Language: Development, Phonetics, Linguistic Peculiarities and Problems.*

A study of the growth of Spanish from its beginnings to its present state, including its modern sounds, its characteristic syntax and idiomatic constructions, and its difference from English. Oral practice and frequent laboratory work. One semester. Credit 3 hours.

3. GERMAN

GERMAN 101. *Elementary German.*

An introductory course on the fundamentals of German grammar and pronunciation with increasing emphasis on conversation. Some reading for an elementary reader is introduced during the first term for additional comprehension and conversational practice. Practice in the Language Laboratory is required of all students for one hour each week. Credit 3 hours.

GERMAN 102. *Elementary German.*

Continuation of German 101. More advanced phases of grammar are studied. Literary readings with discussion are stressed. Although the conversational approach is emphasized, there is special drill in composition. One hour per week in the Language Laboratory is required of all students. Prerequisite: German 101 or an acceptable score on the Proficiency Test. Credit 3 hours.

GERMAN 201. *Intermediate German.*

A second year college German course that includes more extensive study of grammar, review of fundamental tenses and verbal constructions, literary readings, conversation and composition. Audio-oral practice is especially stressed. One hour per week in the Language Laboratory is required of all students. Prerequisites: German 101 and 102, or an acceptable score on the Proficiency Test. Credit 3 hours.

GERMAN 202. *Intermediate German.*

Continuation of German 201. Some review of special grammatical points, more extensive readings, interpretation and discussion in German, and greater emphasis on composition and translation. One hour per week in the Language Laboratory is required of all students. Prerequisite: German 201 or an acceptable score on the Proficiency Test. Credit 3 hours.

**DEPARTMENT OF MUSIC**

The principal objectives of the music department are:

1. To provide training for students who desire to make a serious study of music so that they may become significant contributors to society as artists and teachers.
2. To offer opportunities for those interested in the study of music and its literature as a humanity in the liberal arts or general education program.
3. To provide the opportunity for cultural and professional growth to all college students and others in the community through participation in the college music program as soloists or as members of performing ensembles.
4. To afford opportunities for students with disadvantaged backgrounds to study music at the collegiate level.
5. To contribute to a cultural environment that will be of value in the life of the entire academic community.

DEPARTMENTAL REQUIREMENTS**APPLIED MUSIC**

1. Every music major is required to study his major applied instrument (or voice) throughout the four-year program. In addition to the major applied instrument, each student must earn at least eight semester hours of credit in secondary fields of performance either through private applied minor or class instruction.
2. All students are required to attend the studio seminar and the departmental recital seminar each week. Failure to attend applied music seminars will result in a reduced applied music grade.
3. All students are expected to practice from two to three hours daily.
4. All students must meet minimum proficiency requirements in piano. These include the ability to read music of the type found in community song books, and the ability to sight read simple accompaniments.
5. Every student earning credit in his major applied field must perform on student recitals as required by his major instructor. In general, freshmen are expected to perform a minimum of once each semester; sophomores are expected to perform a minimum of twice each semester; juniors are expected to perform at least three times each semester. A student who fails to appear at least once a semester shall receive an incomplete or an F in his major applied subject for that semester's grade.
6. All music majors must appear in a public recital during their senior year. The decision as to whether the student is permitted to do a full length recital will be decided by his major applied teacher and a music faculty jury.

BACHELOR OF SCIENCE IN MUSIC EDUCATION CURRICULUM †

MUSIC LABORATORY

Music laboratory consists of participation in one or more of the following organizations, ensembles or activities: Concert Band, Concert Choir, Kentucky State Orchestra, Marching Band, Chapel* Choir, Stage Band, Experimental Laboratory Ensemble, Accompanying or other Chamber Ensembles.

Each student with a major in music will participate in the laboratories for which he is qualified each semester in residence. Any student whose major applied subject is a band or orchestra instrument may be required to perform in Band and/or Orchestra upon the recommendation of his applied music teacher. A limited number of split registrations (one-half hour credit in each ensemble) may be permitted for wind players in Concert Band and Orchestra or for Keyboard and Voice students in College Choir.

CONCERTS AND RECITALS

Music majors are required to attend concerts and recitals sponsored by the University and the Department of Music. Failure to observe these requirements will affect applied music grades. Students are allowed three unexcused absences per semester.

SEQUENCE OF MUSIC COURSES

Each lower music course is a prerequisite to its successor. Students are strongly urged to take courses in sequence. Only when granted special permission by a music faculty committee or by the Chairman of the Music Department will students enroll in courses out of sequence.

FACULTY ADVISORS

Every student is assigned a faculty advisor whose duty is to assist the student in registering, to advise him in regard to his progress, and to assist him in planning his educational and professional future.

Changes in programs, in courses, and in the major applied subject may be made only upon the approval of the music faculty.

MUSIC AS A MINOR

Students who elect music as a minor must complete a minimum of twenty-two semester hours in the Department of Music.

Music Theory	6
Music Literature and History	6
Applied Music (voice, piano, or organ, choral or instrumental ensembles)	7 or 8
Music Methods and Materials for Elementary Schools	2 or 3
Conducting	2

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Mus. 101—Music Theory	3	Mus. 102—Music Theory	3
Mus. 161—Major Applied	2	Mus. 162—Major Applied	2
*Mus. 171—Minor Applied	½, 1	*Mus. 172—Minor Applied	½, 1
P.Ed. 101—Orientation in P.E.	1	**Mus. 142—String Class	1
Ed. 100—Freshman Orientation	½	P.Ed. 102—Orientation in P.Ed.	1
Mus. 141—String Class	1	Ensemble(s)	½, 1, or 2
Ensemble(s)	½, 1, or 2		
Ed. 105—Assembly	½		
	18-19½		17-18½

*The Applied Minor shall be piano unless that instrument is chosen as the major or unless piano proficiency requirements are met on entrance. Vocal majors are advised to elect piano for 1 hour credit (private or class instruction).

**Required of Music Education majors with emphasis in instrumental music.

†This curriculum leads to certification at the secondary level. For Certification at K — 12 level, Ed. 202 is required.

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 103—Fund. of Speech	3
Sci. 201—Intro. to Phy. Sci.	3	Math. 100—Fund. of Math.	3
Soc. 201—Intro. Soc. Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Mus. 201—Music Theory	2	Mus. 202—Music Theory	2
Mus. 261—Major Applied	2	Mus. 262—Major Applied	2
Mus. 203—Ear Train. & Sight Sing.	1	Mus. 204—Ear Train. & Sight Sing.	1
Mus. 271—Minor Applied	½, 1	Mus. 272—Minor Applied	½, 1
*Mus. 236—Voice Class & Diction	1	P.Ed. 202—Recreational Activities	1
P.Ed. 201—Recreational Activities	1	P.Ed. 221—Health & Safety Ed.	2
Ensemble(s)	½, 1, 2	Ensemble(s)	½, 1, 2
	17-18½		19-19½

*Required of instrumental music education majors as a prerequisite to choral conducting.

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 305—Cont. Soc. Prob.	3	Mus. 346—Brass Class	1
Mus. 301—Form & Analysis	2	Mus. 302—Twentieth Cent. Music	2
Mus. 331—Music in Elem. School	2	Mus. 332—Music in Sec. School	2
Mus. 343—Choral Conducting	2	***Mus. 303—Orchestration	2
Mus. 321—Music His. & Lit.	3	Mus. 322—Music His. & Lit.	3
Mus. 361—Major Applied	2	Mus. 362—Major Applied	2
*Mus. 373—Functional Piano	½	*Mus. 374—Functional Piano	½
Psy. 200—General Psychology	3	Psy. 220—Human Devel. & the Curriculum	3
Ensemble(s)	½, 1, 2	*Mus. 336—Voice & Diction	(1)
	17½-19½	Mus. 347—Percussion Class	1
		Mus. 345—Band & Classrm. Ins.	2
		Ensemble(s)	½, 1, 2
			19-19½

*Required of Music Education majors with emphasis in vocal music. Majors with emphasis in instrumental music will elect Music 346, Music 347, and Music 437.

**Required if piano proficiency has not been met by the end of the sophomore year.

***Prerequisite for instrumental conducting.

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Phil. 200—Intro. to Philosophy	3	Ed. 424—Foundation of Education	3
Mus. 421—Music Literature	2	Mus. 462—Major Applied	2
Mus. 461—Major Applied	2	Ensemble(s)	½, 1, 2
Ed. 412—Admin. of Pub. Sch.	3	Ed. 400—Supervised Teach.	8
Mus. 344—Instrumental Conducting	2		
Mus. 435—Voice Class & Diction	1		
*Mus. 437—Instr. Meths. & Teach.	(1)		
*Mus. 441—Woodwind Class	1		
*Mus. 442—Double Reed Woodwind Class	1		
Music Electives	2		
Ensemble(s)	½, 1, 2		
	16-19		14-15

TOTAL OF 135 to 146½ Semester Hours.

*Required of students seeking certification to teach instrumental music.

BACHELOR OF ARTS DEGREE WITH MUSIC MAJOR CURRICULUM IN APPLIED MUSIC

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—Eng. Comp. -----	3	Eng. 102—Eng. Comp. -----	3
Bio. 101—Life Science -----	3	Bio. 102—Life Science -----	3
Hist. 101—World Civilization -----	3	Hist. 102—World Civilization -----	3
Mus. 101—Music Theory -----	3	Mus. 102—Music Theory -----	3
Mus. 161—Major Applied -----	2	Mus. 162—Major Applied -----	2
Mus. 171—Minor Applied -----	1	Mus. 172—Minor Applied -----	1
Ensemble(s) -----	1	Ensemble(s) -----	1
Ed. 100—Freshman Orientation -----	1	P.Ed. 102—Orientation in P.Ed. -----	1/2
P.Ed. 101—Orientation in P.Ed. -----	1/2		
Ed. 105—Assembly -----	1/2		
	18 1/2		17

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature -----	3	Eng. 212—Intro. to Literature -----	3
Sci. 201—Intro. to Phy. Sci. -----	3	Math. 100—Fund. of Math. -----	3
Soc. 201—Intro. to Soc. Sci. -----	3	Soc. 202—Intro. to Soc. Sci. -----	3
Mus. 201—Music Theory -----	2	Mus. 202—Music Theory -----	2
Mus. 261—Major Applied -----	2	Mus. 262—Major Applied -----	2
Mus. 203—Ear Train. and Sight Sing. -----	1	Mus. 204—Ear Train. and Sight Sing. -----	1
Mus. 271—Minor Applied -----	1	Mus. 272—Minor Applied -----	1/2
P.Ed. 201—Recreational Activities -----	1	P.Ed. 202—Recreational Activities -----	1
Ensemble(s) -----	1	Ensemble(s) -----	1
	17	P.Ed. 221—Health and Safety Ed. -----	2
			18 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
French, German or Spanish Elec. -----	3	French, German or Spanish Elec. -----	3
Psy. 200—General Psychology -----	3	Mus. 322—Music Hist. and Lit. -----	2
Mus. 321—Music Hist. and Lit. -----	2	Mus. 302—Twentieth Cen. Music -----	2
Mus. 343—Choral Cond. -----	2	Mus. 362—Major Applied -----	4
Mus. 361—Major Applied -----	4	Mus. 374—Functional Piano -----	1/2
Ensemble(s) -----	1	Ensemble(s) -----	1
Electives -----	3	Electives -----	6
	18		18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Phil. 200—Intro. to Philosophy -----	3	Mus. 301—Form and Analysis -----	2
Mus. 421—Music Literature -----	2	Mus. 462—Major Applied Recital -----	4
Mus. 461—Major Applied -----	4	Electives -----	8
Electives -----	3	Ensemble(s) -----	1
Mus. 401—Orchestration or Arr. -----	2		
Mus. 344—Instru. Cond. -----	2		
Ensemble(s) -----	1		
	17		15

Electives must include:

History of Art -----	3
History of the Theatre -----	3
Psychology -----	3

BACHELOR OF ARTS DEGREE WITH MUSIC MAJOR CURRICULUM IN MUSIC THEORY

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Comp. -----	3	Eng. 102—English Comp. -----	3
Bio. 101—Life Science -----	3	Bio. 102—Life Science -----	3
Hist. 101—World Civilization -----	3	Hist. 102—World Civilization -----	3
Mus. 101—Music Theory I -----	3	Mus. 102—Music Theory II -----	3
Mus. 161—Major Applied -----	2	Mus. 162—Major Applied -----	2
Mus. 171—Minor Applied -----	1	Mus. 172—Minor Applied -----	1
Ensemble -----	1	Ensemble -----	1
Ed. 100—Freshman Orientation -----	1/2	P.Ed. 102—Orientation to P.Ed. -----	1
P.Ed. 101—Orientation to P.Ed. -----	1		
Ed. 105—Assembly -----	1/2		
	18		17

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature -----	3	Eng. 212—Intro. to Lit. -----	3
Sci. 201—Intro. to Phy. Sci. -----	3	Math. 100—Fund. of Math. -----	3
Soc. 201—Intro. to Soc. Sci. -----	3	Soc. 202—Intro. to Soc. Sci. -----	3
Mus. 201—Music Theory III -----	2	Mus. 202—Music Theory IV -----	2
Mus. 203—Ear Training and sight singing -----	1	Mus. 204—Ear Training and sight singing -----	1
Mus. 261—Major Applied -----	2	Mus. 262—Major Applied -----	2
Mus. 271—Minor Applied -----	1	Mus. 272—Minor Applied -----	1/2
P.Ed. 201—Rec. Activities -----	1	P.Ed. 202—Rec. Activities -----	1
Ensemble -----	1	P.Ed. 221—Health & Safety Ed. -----	2
	17	Ensemble -----	1
			18 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Mus. 301—Form and analysis -----	2	French, German, or Spanish El. -----	3
French, German, or Spanish El. -----	3	Psy. 222—Human Devel. and Psch. II -----	3
Psy. 200—General Psych. -----	3	Mus. 322—Music Hist. and Lit. -----	2
Mus. 321—Music Hist. and Lit. -----	2	Mus. 302—20th Cent. Music -----	2
Mus. 361—Major Applied -----	2	Mus. 362—Major Applied -----	2
Elective -----	3	Elective -----	3
Ensemble -----	1	Ensemble -----	1
Mus. 371—Minor Applied -----	1	Mus. 372—Minor Applied -----	1
	17		17

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Phil. 200—Intro. to Phil. -----	3	Mus. 304—Counterpoint -----	2
Mus. 421—Music Literature -----	2	Mus. 406—Composition -----	2
Mus. 405—Composition -----	2	Mus. 462—Major Applied -----	2
Mus. 461—Major Applied -----	2	Elective -----	8
Elective -----	3	Ensemble -----	1
Mus. 401—Orchestration -----	2		
Ensemble -----	1		
	15		15

All music courses must be taken in sequence.

Electives must include History of Art -----	3
History of Theatre -----	3
Psychology -----	3
Either Choral Conducting or Instrumental Conducting -----	3

COURSE DESCRIPTION

MUSIC THEORY AND COMPOSITION

MUSIC 100. *Theory Review.*

An introduction to the basic fundamentals of music notation, clefs, scales, meters, and rhythms. Includes music literature, sight singing and ear training. Credit 3 hours.

MUSIC 101. *Music Theory I.*

Training in the fundamentals of musicianship, notation, clefs, scales, modes, intervals, triads, meters and rhythms. Correlated ear training, sight singing and keyboard practice. Prerequisite: Music 100. Credit 3 hours.

MUSIC 102. *Music Theory II.*

Harmony, composition, and analysis with emphasis on eighteenth and nineteenth century practices. Primarily concerned with diatonic harmony. Correlated harmonic dictation. Credit 3 hours.

MUSIC 104. *Ear Training and Sight Singing.*

Practice in melodic, harmonic, and rhythmic dictation, and sight singing. Credit 1 hour.

MUSIC 201-202. *Music Theory III, IV.*

A continuation of Theory 102 including chromatic harmony and advanced modulation. Prerequisite: Theory 102. Credit 1 hour each semester.

MUSIC 301. *Form and Analysis.*

A study of basic musical forms, progressing from the smallest structural unit through the symphony. Melodic, rhythmic, harmonic and formal design of each major genre will be studied in depth. Prerequisite: Music 202. Credit 2 hours.

MUSIC 302. *Twentieth Century Music.*

A study of representative scores of twentieth century music. Designed to promote an understanding of the methods and materials of contemporary music through analysis, recordings, and writing projects. The course includes lectures, discussions, reading assignments, and an experimental laboratory ensemble. Prerequisite: Music 301. Credit 2-3 hours.

MUSIC 303. *Orchestration.*

Instrumentation and score writing. Projects in writing and analysis for various instrumental groups. A complete score for full band or orchestra is required as a final written assignment. Prerequisite: Music 301. Credit 2 hours.

MUSIC 304. *Counterpoint.*

Analysis and written assignments with emphasis on contrapuntal practices as found in the works of J. S. Bach and other eighteenth century composers. Credit 2 hours. Prerequisite: Music 202.

MUSIC 324. *Afro-American Music Project.*

Independent study of music of the Afro-American. A written project (originally composed or arranged) for instrumental and/or choral ensemble, based on music materials or literature of the Afro-American. Prerequisite: Music 301 and permission of instructor. Credit 2-3 hours.

MUSIC 403. *Choral Arranging.*

Practical arranging and writing of suitable materials for choral groups on the public school level. Credit 2 hours. Prerequisite: Music 104.

MUSIC 405-406. *Composition.*

Individual and class instruction in composition, with emphasis placed on the criticism and evaluation of constructive elements resulting from the creative instinct and initiative of the individual student. Analysis of the compositional techniques and devices of composers of various styles and periods. Credit 1-2 hours. Prerequisite: Music 302.

MUSIC 407. *Jazz Arranging and Composition.*

Individual and class instruction in writing for Jazz ensemble, school stage band, and dance band. Includes written projects, original or arranged, for laboratory ensembles. Credit 2 hours.

MUSIC 221-222. *Music Appreciation.*

General orientation and study of representative musical literature of all periods and styles. Not open to music majors. Credit 3 hours each semester.

MUSIC 223. *Jazz History and Literature.*

A survey of Jazz and its performers from the beginning to the present. All idioms, big band, combo, and soloists will be studied, using selected readings and recordings. Credit 2 hours.

MUSIC 321. *Music History and Literature.*

A survey of music and its development from its beginnings through the Baroque period. Analysis of representative musical works with emphasis on forms, styles and musical concepts in relation to their historical and cultural background. Credit 3 hours.

MUSIC 322. *Music History and Literature.*

A continuation of Music 321. A survey of representative musical works from 1750 to the present. Credit 3 hours.

MUSIC 323. *Afro-American Music.*

A study of the music literature of the Afro-American. Includes lectures, discussions, reading and listening assignments, spirituals, blues, miscellaneous songs, jazz, non-jazz, and symphonic literature of the Afro-American. Credit 2-3 hours.

MUSIC 421-422. *Music Literature.*

A survey of the principal forms, periods, and composers of Western music, presented in lectures and laboratory listening periods. Two lectures and two listening hours per week. Credit 2 hours each semester.

MUSIC EDUCATION**MUSIC 141. *String Class.***

Fundamentals of string technique, study of scales, and performance of graded ensemble material. Two class periods a week. Credit 1 hour.

MUSIC 142. *String Class.*

Continuation of Music 141 objectives. Two class periods a week. Credit 1 hour.

MUSIC 236. *Voice Class and Diction.*

A course designed primarily to meet the needs of instrumental music majors or students with little or no previous training in vocal music. Two class periods a week. Credit 1 hour each semester.

MUSIC 331. *Music in the Elementary School.*

A study of methods, materials and techniques of teaching music in the elementary school. Selected visits and observations of public school classroom. Credit 2 hours.

MUSIC 332. *Music in the Secondary School.*

A study of methods, materials and techniques of teaching music in the secondary school. Selected visits and observations of public school classrooms. Credit 3 hours.

MUSIC 333. *Music Fundamentals.*

A course designed primarily to meet the needs of the elementary classroom teacher. Training in basic musicianship through keyboard and vocal practices. Not open to music majors. Credit 3 hours.

MUSIC 334. *Music for Elementary Teachers.*

A continuation of Music 333 including materials and methods of teaching music in the elementary school. Not open to music majors. Credit 3 hours. Prerequisite: Music 333.

MUSIC 336. *Voice Class and Diction.*

Phonetics applied to French, German and Italian vocal literature. Class and individual clinical analysis and practice. Two class periods a week. Credit 1 hour each semester.

MUSIC 341-342. *String Class.*

Fundamentals of string technique, study of scales, and performance of graded ensemble material. Two class periods a week. Credit 1 hour.

MUSIC 343. *Choral Conducting.*

A study of basic conducting techniques. Performance, analysis and evaluation of choral literature. Credit 2 hours. Prerequisite: Music 202.

MUSIC 344. *Instrumental Conducting.*

A study of basic conducting techniques. Performance, analysis and evaluation of instrumental literature. Credit 2 hours. Prerequisite: Music 343.

MUSIC 346. *Brass Class.*

Fundamentals of brass instrument techniques and teaching methods. Two class periods a week. Credit 1 hour.

MUSIC 347. *Percussion Class.*

Fundamentals of percussion including instruments of definite and indefinite pitch along with mallet instruments. Designed to cover techniques and teaching methods. Two class periods a week. Credit 1 hour.

MUSIC 435. *Voice Class and Diction.*

Phonetics applied to French, German and Italian vocal literature. Class and individual clinical analysis and practice. Two class periods a week. Credit 1 hour each semester.

MUSIC 345. *Band and Classroom Instruments Class.*

Designed to meet the needs of students preparing to teach vocal music and classroom music. Woodwind, brass, percussion, and classroom instruments including guitar and ukulele techniques of teaching and methods of performing. Credit 2 hours.

MUSIC 437. *Instrumental Methods and Techniques.*

Organization and administration of school instrumental music programs, including practical studies in marching band techniques. Preparation of pageants and routines for half-time shows. Credit 1 hour.

MUSIC 441. *Woodwind Class.*

Fundamentals of woodwind instrument techniques and teaching methods covering clarinet, saxophone, and flute. Two class periods a week. Credit 1 hour.

MUSIC 442. *Double Reed Woodwind Class.*

Fundamentals of oboe and bassoon teaching techniques and methods. Includes selection and preparation of reeds. Credit 1 hour.

MUSIC 443. *Voice Class.*

Class instruction in the basic techniques of vocal production. Designed for music education students who do not study major or minor applied voice. Credit 1 hour.

MUSIC 444. *Vocal Literature.*

A survey of solo songs of all periods and styles. Two class periods a week. Credit 2 hours.

APPLIED MUSIC

Instruction is available in the following fields: Voice, Piano, Organ, Stringed Instruments, Woodwind Instruments, Brass Instruments and Percussion Instruments.

MUSIC 161-162*. Major Applied.

(Instrument or Voice) Materials and literature based upon the individual needs of the student. Designed to prepare the student to meet the performance requirements in his major field of concentration. One half-hour lesson and two laboratory seminars each week. Credit 2 hours each semester.

MUSIC 261-262. Major Applied.

A continuation of Music 161-162 at the sophomore level. Credit 2 hours each semester.

MUSIC 361-362. Major Applied.

A continuation of the above at the junior level. By the end of the junior year the literature for the public senior recital appearance should be formulated. Credit 2 hours each semester; 4 hours for Applied Music Majors each semester.

MUSIC 461-462. Major Applied.

A continuation of the foregoing at the senior level including the preparation for the senior recital. Credit 2 hours each semester. Credit 4 hours for Applied Music Majors each semester.

MUSIC 171-172. **Minor Applied.

(Instrument or Voice) Private or class instruction in secondary performance areas designed to meet the functional needs of each student. One half-hour private lesson or one or two class periods each week. Voice majors are advised to elect piano for one hour credit. Credit ½ or 1 hour each semester.

MUSIC 271-272. Minor Applied.

A continuation of above at the sophomore level. Credit ½ or 1 hour each semester.

MUSIC 371-372. Minor Applied.

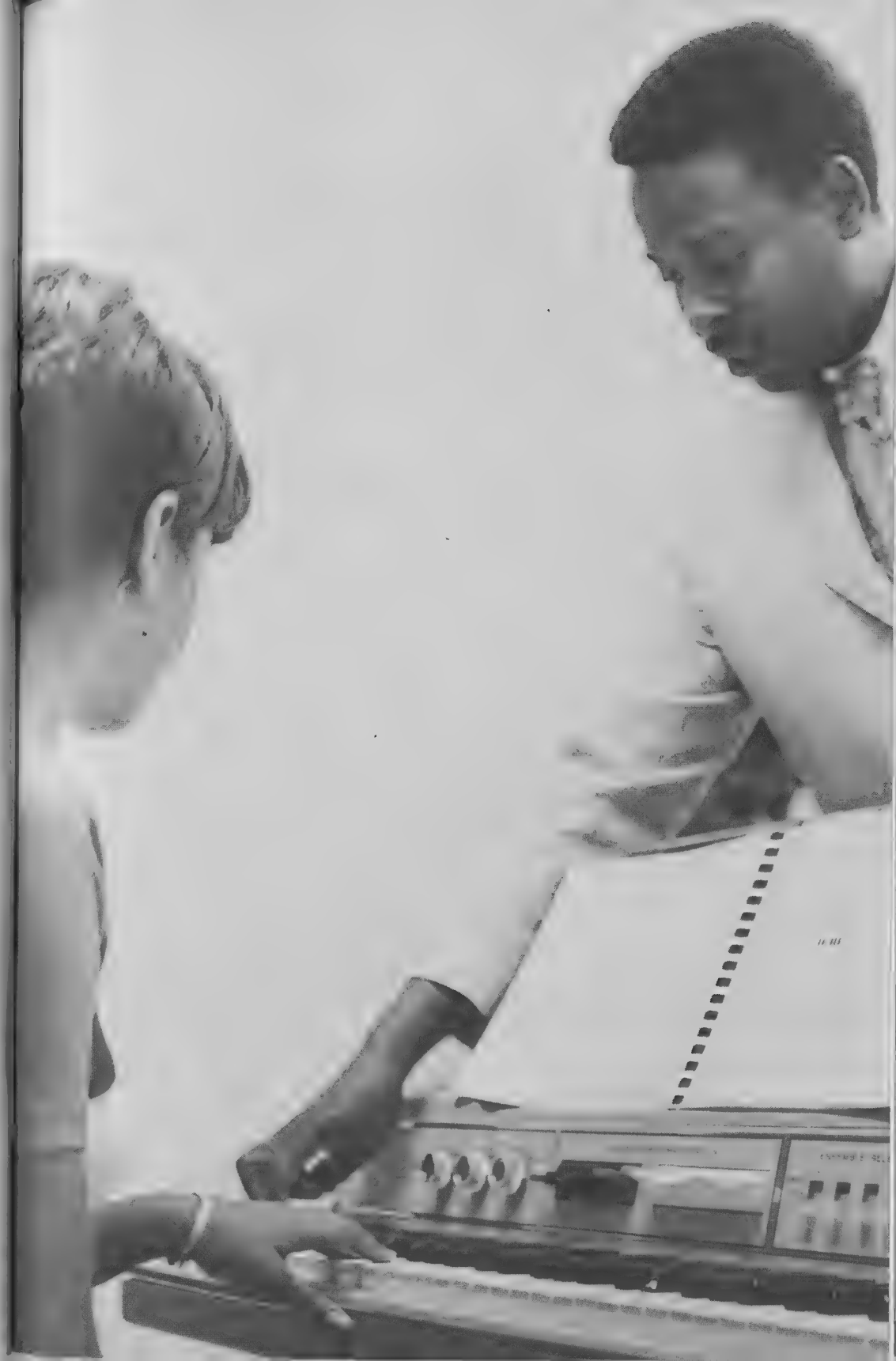
A continuation of the above at the junior level. Credit ½ or 1 hour each semester.

MUSIC 373-374. Functional Piano.

Designed to aid students in preparing for piano proficiency examination. Credit ½ hour each semester.

*Each sequential applied music course is a prerequisite to its successor.

**Vocal majors are required to elect piano for one hour credit unless proficiency examination has been passed.



ENSEMBLES

MUSIC 181, 281, 381, 481. *Marching Band.*

During the fall season, band activities are devoted primarily to the Marching Band which provides musical support for athletic events of Kentucky State. The organization is open to all students in the University on the approval of the Director. Credit ½, 1 or 2 hours each semester.

MUSIC 182, 282, 382, 482. *Concert Band.*

The Concert Band is organized at the close of the football season. Open to all qualified students of Kentucky State who are interested in the study and performance of the best literature for concert and symphonic bands. Credit 1 or 2 hours each semester.

MUSIC 183, 283, 383, 483. *Orchestra.*

Membership is open to all qualified students, faculty members and persons in the community who are interested in the performance of literature for the orchestra. Credit 1 hour each semester.

MUSIC 184, 284, 384, 484. *Orchestra.*

Credit 1 hour each semester.

MUSIC 191, 291, 391, 491. *Concert Choir.*

A mixed choral ensemble organized for the study of the best sacred and secular choral literature. Open to all students of Kentucky State by audition. The choir presents several programs on the campus and on an annual spring tour. Credit 1 hour each semester.

MUSIC 192, 292, 392, 492. *Concert Choir.*

Credit 1 hour each semester.

MUSIC 193, 293, 393, 493. *Chapel Choir.*

The Chapel Choir is organized primarily for the performance of large choral works and frequently appears at chapel services. Membership may be shifted from one choir to the other. Open to all students of Kentucky State. Credit 1 hour each semester.

MUSIC 194, 294, 394, 494. *Chapel Choir.*

Credit 1 hour each semester.

MUSIC 111, 211, 311, 411. *Opera Workshop.*

Membership is open to all students who successfully pass the auditions given each semester. An organization specializing in the study of operatic masterpieces. Credit ½ or 1 hour each semester.

MUSIC 112, 212, 312, 412. *Opera Workshop.*

Credit ½ or 1 hour each semester.

MUSIC 495. *Choral Chamber Music.*

A laboratory designed for the study of standard chamber choral literature. Credit 1 semester hour.

MUSIC 153, 253, 353, 453. *Experimental Laboratory Ensemble.*

A laboratory maintained for the study and performance of student compositions and other chamber works, with emphasis on compositions by twentieth century composers. Credit ½ or 1 hour each semester.

MUSIC 154, 254, 354, 454. *Experimental Laboratory Ensemble.*

Credit ½ or 1 hour each semester.

MUSIC 155, 255, 355, 455. *Jazz Ensemble.*

Open to all students of Kentucky State by audition. Standard and original compositions and arrangements are studied and performed so as to allow students an opportunity to understand musical interpretation and technical devices employed in music of the jazz idiom. Credit ½ or 1 hour each semester.

MUSIC 156, 256, 356, 456. *Jazz Ensemble.*

Credit ½ or 1 hour each semester.

MUSIC 121. **Expressive Arts.*

A three hour course dealing with the expressive arts—music, mythology, painting, architecture, sculpture and dance in the cultures of Africa and Asia, with special emphasis on West Africa and India. The expressive arts will be studied in their social context. Through an understanding of the arts of other cultures, the students will be better prepared to appreciate the arts of his own culture. Credit 3 hours.

MUSIC 122. **Expressive Arts.*

A three hour course dealing with the expressive arts—music, poetry, drama, and the visual arts in Western European and American cultures. Emphasis will be placed upon the relationship of the arts to each other. Basic concepts of aesthetics will be introduced. Credit 3 hours.

*These courses embrace more than music alone. The expressive arts courses are designed to fulfill requirements in fine arts. The courses are also designed to survey the entire fine arts spectrum.

PREPARATORY MUSIC DIVISION

It is of paramount importance that Kentucky State furnish leadership and guidance by contributing to the cultural and spiritual enrichment of the community. Those in the field of music have the responsibility of assisting the community, where practical, in the area of musical activities, with expertise and technical skills which exist at the University and are not readily available in the community.

The following recommendations are made for the purpose of meeting some of the needs and challenges of the community and to strengthen and improve the overall musical vitality and life of Kentucky State, the city of Frankfort, and Franklin County. Ample reason for an optimistic view of future developments between Kentucky State and the community is justified

by the enthusiastic support and encouragement of the music faculty in this new venture.

OBJECTIVES

To provide a place in Franklin County where pre-college music education is available to supplement the public school music program and the private and parochial school music programs. In addition to pre-college age students, the Division serves those adults of the community who wish to study and further their knowledge of music without pursuing a degree program.

Private and classroom instruction is offered in applied instrumental and vocal music. Study in music theory and ensemble is also available.

FEES FOR PREPARATORY DIVISION

Private Lessons—14 one hour lessons	\$80 per semester
Payment schedule may be arranged at \$20 per month.	
Private Lessons—14 one-half hour lessons	\$40 per semester
Payment schedule may be arranged at \$10 per month.	
Applied Classroom Instruction—14 one hour lessons	\$35 per semester
Payment schedule may be arranged at \$10 per month.	
String Class—28 Classes—Two forty-minute lessons per week	\$28 per semester
Payment schedule may be arranged at \$7 per month.	
Ensemble—Franklin County Jazz Ensemble	\$20 per semester
Payment schedule may be arranged at \$5 per month.	

Instruction in music theory is offered by the music staff to any student enrolled in the above musical activities without extra charge.

Students who enroll in music theory courses only will be charged a fee of \$9 per semester hour. (This fee is according to the schedule of fees for regular part-time students.) Students who enroll in applied music courses for college credit will be charged \$9 per semester hour in addition to the above preparatory fee.

NURSING EDUCATION

PHILOSOPHY AND AIMS

As an integral part of Kentucky State, the Nursing Education Program correlates its philosophy and aims with those of the institution.

PHILOSOPHY

Every person is an individual human being with dignity and rights. A person does not or should not lose his dignity and rights as an individual because he is sick or well, young or old, clean or unclean, rich or poor, criminal or law abiding. Every human being has physical, psychological, social and spiritual needs that must be met if he is to survive, grow and become a productive member of society. The unique function of nursing is to assist an individual with an actual or potential illness or disability with those activities that he is unable to perform himself, and to do this in such a way as to make him more comfortable and help him to regain his maximum independence.

Because learning is a behavioral change which is achieved through a planned sequence of experiences, learning activities are planned in such a way as to: reinforce each other, motivate interaction between the learner and environment, and become meaningful to the learner.

The aspiring nursing student should possess an adequate intellectual capacity and desire to learn. The faculty intends to: guide his learning experiences, challenge him with carefully selected problem-solving situations in nursing (difficult enough to require considerable thought and use of organized knowledge, yet possible for him to solve), and prepare him with beginning skills based on the following beliefs:

1. the technical nurse is a highly skilled practitioner whose practice is limited in scope but not in depth;
2. the technical nurse needs both intellectual and manual competence in order to provide direct quality nursing care;
3. the technical nurse deals with common recurring problems stemming from common physiological and social difficulties, standardized nursing actions, medically delegated techniques, and patterns of intervention in patient care which yield predictable results;
4. the technical nurse is a nursing and health team member and at times, the leader of a small nursing team under the guidance of a professional nurse.

AIMS

The Kentucky State Nursing Education Program provides a combination of general education and nursing education for selected men and women preparing them as technically competent nursing practitioners for beginning staff nurse positions in hospitals and other comparable health agencies.

Successful completion of the program qualifies the graduate to receive an Associate in Applied Science Degree in Nursing and to write the examination for licensure as a Registered Nurse in the State of Kentucky.

This nursing education program is complete for its purpose; however, credits earned may be applied—in whole or in part depending upon the policies of the accepting institution—toward a baccalaureate degree in nursing.

The Kentucky State faculty is responsible for all instruction including the arts, sciences and nursing. The selection, supervision and evaluation of students' learning experiences in nursing are the responsibility of the nursing faculty in the classroom and in the health care settings.

With appropriate participation from the academic community and the accrediting bodies, the nursing faculty provides for on-going evaluation and appraisal of the extent to which the program is meeting its purposes and objectives.

OBJECTIVES

The nursing curriculum is person- and problem-centered and has a dual focus—it is based on the needs of the student and the needs of the patient. It is designed to prepare the graduate with competence to:

1. Use knowledge, skill, understanding and values from elementary principles of biological, physical, medical and social sciences in nursing care;
2. Promote and maintain effective human relations, observational skills and communications with individuals and groups of patients, families and members of the health team;
3. Combine intellectual skills, emotional responsiveness and manual dexterity necessary to organize, implement and evaluate a plan of nursing care to meet the needs of one or more patients;
4. Participate in health education of the patient and family utilizing community resources;
5. Assume responsibility for planning with and closely supervising less skilled nursing assistants in the technical aspects of patient care;
6. Plan for nursing care of patients with other members of the health team;
7. Assume responsibility and obligation for continued learning necessary for competent nursing practice and active citizenship.

ASSOCIATE IN APPLIED SCIENCE DEGREE—NURSING CURRICULUM

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Nurs. 101—Nursing I -----	8	Nurs. 102—Nursing II -----	8
Eng. 101—English Composition -----	3	Eng. 102—English Composition -----	3
Biol. 107—Anatomy and Physiology I -----	3	Biol. 108—Anatomy and Physiology II -----	3
Biol. 204—Fundamentals of Microbiology -----	3	Psy. 200—General Psychology -----	3
	<u>17</u>		<u>17</u>

SECOND YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Nurs. 201—Nursing III -----	10	Nurs. 202—Nursing IV -----	10
Psy. 221—Human Development and Psychology I -----	3	Nurs. 203—Nursing V -----	2
Soc. 201—An Introduction to the Social Sciences -----	3	Psy. 222—Human Development and Psychology II -----	3
Elective* -----	3	Elective* -----	3
	<u>19</u>		<u>18</u>

Total for Two Years: 71

*Chemistry, Nutrition, Physical Science, Social Science



COURSE DESCRIPTION

NURSING 101. *Nursing I.*

An introductory course designed to serve as a basis upon which future courses in major health problems can be built. Using the common nursing problems approach, it includes concepts, principles and techniques basic to nursing care. The focus is on beginning skills of patient care, basic human needs and the nurse-patient relationship. Laboratory experience is provided in various settings. Five hours class and 6 hours laboratory per week. Credit 8 hours.

NURSING 102. *Nursing II.*

This course is designed to further develop the student's ability to care for individuals and their families with major physical and mental health problems. Emphasis is upon the application of scientific and nursing principles and techniques, therapeutic nurse-patient relationship and behavioral concepts basic to the care of the patient in the psychiatric and general hospital settings. Nursing 101 is a prerequisite. Four hours class and 8 hours laboratory per week. Credit 8 hours.

NURSING 201. *Nursing III.*

Utilizing the family-centered approach, this course is planned to help the student apply scientific and nursing principles and techniques in planning and giving care to mothers during the maternity cycle, to the neonate and to the child. Related areas in growth and development, nutrition and pharmacology are included. Laboratory experiences in both obstetric and pediatric settings are provided. Prerequisites Nursing 101 and 102. Five hours class and ten hours of laboratory per week. Credit 10 hours.

NURSING 202. *Nursing IV.*

During the final clinical nursing course, the student learns to assume more responsibility for applying principles of the biological, physical, medical and social sciences in planning and administering nursing care to patients with major physical and mental health problems. The major focus is on the commonalities and differences in caring for patients of any age group in various stages of illness. The laboratory experiences provided include an opportunity for the student to direct a small nursing team in planning and giving care to a selected group of patients. Prerequisites Nursing 101, 102, and 201. Five hours class and ten hours of laboratory per week. Credit 10 hours.

NURSING 203. *Nursing V.*

A seminar course for discussion of issues and trends in nursing, legal and ethical components of nursing practice, job opportunities and career satisfaction, continuing education and professional responsibilities and relationships. Two class hours per week. Credit 2 hours.

DEPARTMENT OF SOCIOLOGY AND THE SOCIAL SCIENCES AREA OF CONCENTRATION

These Departments Conceive Their Tasks as Developing Abilities, Skills and Thought Processes Within the Social Disciplines. Four major goals are: to guide students toward a strong background to qualify them for graduate study; to guide them toward strong preparation for teaching content while applying advanced methods; to serve the various curricular calling for Cultural Anthropology, basic Geography, Social Science, Social Problems, Sociology and Social Work credits; and to establish the objective principles of the scientific method in creative and innovative ways as approaches to fundamental inquiry, learning experiences and research.

Students wishing to take Sociology as a major or minor and students wishing to meet the requirements in the Social Sciences Area of Concentration along with other students seeking courses as elective or for special credit must follow the PREREQUISITES and SEQUENCES in the ORDERED MANNER described. Specific examples are: Sociology 201 and 202 are prerequisites for everybody. Sociology 102 is the prerequisite for Sociology 211 and/or 212. Sociology 301 and 302 are required basic courses for everybody whether they be majors, minors, in the area of the Social Sciences, looking for electives or seeking special credits. Sociology 431 is open to seniors only.

Exceptions occur in individual cases. Advanced students with strong academic records may be approved to take concurrently Sociology 303, 304, 305, 306, 308, 331, 350, or 423 while they are taking Sociology 301 or 302. Special students with strong academic backgrounds and exceptional experiences may qualify for a few courses out of sequence after an evaluation by the department and approval by an academic officer. Identical and closely similar content courses from other "A" accredited institutions may be substituted for prerequisites or requirements after an evaluation by the department. Several courses offered by the Afro-American Studies, Political Science and the Administrative Intern programs may be substituted for upper level History courses upon agreement between the departments and the student. In rare cases approved during registration, selected students may take Sociology 401 after satisfying Psychology 200 as a prerequisite. Unavoidable conflicts in schedules and repeated cancellations of announced course offerings may allow majors in Sociology to seek substitute credits in two sociologically oriented courses identified as Education 433—Alcoholism and Other Problems of Alcohol or Education 434—Drug Addiction and Other Problems of Drugs, but this is not automatic.

SOCIOLOGY MAJOR REQUIREMENTS:

- A. PREREQUISITES are Sociology 102, 201 and 202.
- B. REQUIREMENTS are Sociology 301, 302, 305, 306, 308, 401 and 6 additional upper level credits in Sociology selected by the student. Sociology 303 and 431 are strongly recommended. Sociology 431 is open to seniors only.

Biology 101 and 102; Economics 211; Education 100, Psychology 200, 221 and 222; English (100) 101, 102, 211 and 212; Fine Arts—3 credits; Foreign Language 101, 102, 201 and 202; History 101 and 102; Mathematics 100 or 101 or 3 credits in college mathematics; Physical Education 101, 102, 201 and 202 or equivalent "service courses" offered by the Department of Physical Education, and 221; Science 201 and 202; Electives and Minor combined—30½ credits.

Minor Departments Determine Their Minor Requirements.

MINOR REQUIREMENTS:

- A. Prerequisites are Sociology 102, 201 and 202.
- B. REQUIREMENTS are Sociology 301 and 302 and 12 additional upper level credits in Sociology selected by the student providing that prerequisites are met for each course selected. Sociology 431 is open to seniors only.

UNDERGRADUATE REQUIREMENTS FOR THE SOCIAL SCIENCES AREA OF CONCENTRATION.

There is no minor in an Area of Concentration. All courses are required. Exceptions and substitutes are explained on the previous page. Electives are limited to 7½ credits.

COURSE REQUIREMENTS are Sociology 102, 201, 202, 211, 301, 302, 305 and 3 additional upper level credits in Sociology selected by the student. Sociology 431 is open to seniors only. Biology 101 and 102; Economics 211 and 212; Education 100, 400, 410SS, 412 and 492; Psychology 200, 222. *NOTE: The Department of Education Directs All of Its Deadlines, Special Tests and Qualifications For Directed Teaching.* It is the student's duty to meet them.

English (100) 101, 102 and 211; Fine Arts—3 credits; Foreign Language 101 and 102; History 101, 102, 201, 202, 301, 302, 405, and 411 (See previous page about exceptions and substitutes); Mathematics 100 or 101 or 3 credits in college mathematics; Physical Education 101, 102, 201 and 202 or equivalent "service courses" offered by the Department of Physical Education, and 221; Political Science 111 and 112 (See previous page about exceptions); Science 201 and 202; Electives 7½ credits.

AUDITING of courses for no-credit presupposes participation but the prerequisite sequences do not apply to auditors as such.

SOCIOLOGY 400. *Honors Seminar* for advanced creative and innovative students is in the planning stage for sensitive equipment, personnel and interdisciplinary relationships.

CURRICULUM IN SOCIOLOGY

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 101—Life Science -----	3	Biol. 102—Life Science -----	3
Educ. 100—Fresh. Orientation -----	½	Psy. 200—General Psychology -----	3
Eng. 101—English Composition -----	3	Eng. 102—English Composition -----	3
Fren. 101—Elementary French -----	3	Fren. 102—Elementary French -----	3
OR			
Span. 101—Elementary Spanish -----	3	Span. 102—Elementary Spanish -----	3
Hist. 101—World Civilization -----	3	Hist. 102—World Civilization -----	3
Math. 100—Fund. of Mathematics OR		Fine Arts (Art, Drama or Music) -----	3
Math. 101—College Algebra -----	3	P.Ed. 102—Orientation P.Ed. OR	
P.Ed. 101—Orientation P.Ed. OR		P.Ed. 102—Orientation P.Ed. OR	
Service P.Ed. -----	1	Service P.Ed. -----	1
Ed. 105—Assembly -----	½		
	17		19

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Psy. 221—Human Dev. & Psych. I -----	3	Psy. 222—Human Dev. & Psych. II -----	3
Eng. 211—Introduction to Literature -----	3	Eng. 212—Introduction to Literature -----	3
Fren. 201—Intermediate French -----	3	Fren. 202—Intermediate French -----	3
OR			
Span. 201—Intermediate Spanish -----	3	Span. 202—Intermediate Spanish -----	3
P.Ed. 201—Recreational Activities -----	1	P.Ed. 202—Recreational Activities -----	1
P.Ed. 221—Health and Safety -----	2	Sci. 202—Introduction to Phy. Sci. -----	3
Sci. 201—Introduction to Phy. Sci. -----	3	Soc. 202—Introduction to Soc. Sci. -----	3
Soc. 201—Introduction to Soc. Sci. -----	3		
	18		16

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Econ. 211—Principles of Economics -----	3	Soc. 302—Intro. to Sociology -----	3
Soc. 102—Principles of Geography -----	3	Soc. 305—Contemporary Soc. Prob. -----	3
Soc. 301—Introduction to Sociology -----	3	Soc. 308—Social Statistics -----	3
*Upper Level Sociology -----	3	Electives and/or Minor -----	6
Soc. 306—Methods-Social Research -----	3		
Elective and/or Minor -----	½		
	15½		15

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 401—Social Psychology -----	3	*Upper Level Sociology -----	3
Electives and/or Minor -----	12	Electives and/or Minor -----	12
	15		15

Soc. 102 is a pre-requisite for all majors, minors and area students.

Soc. Sci. 201-202 are pre-requisites for all students before Soc. 301-302.

Soc. 301-302 are required before all upper level sociology courses.

Soc. 490-491-492—Sociological Practicum (Cooperative Education) is open for a few highly screened students @ 0, ½, 1 ½, etc., up to 6 semester credits, depending on complexity and time; also will go beyond four years when not completed in the summers and regular semesters.

Electives are offered according to availability of professors.

*Soc. 303—Cultural Anthropology and Sociology 431—Social Change are recommended.

CURRICULUM IN THE SOCIAL SCIENCES AREA OF CONCENTRATION

(This track leads to Teacher Certification.)

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Educ. 100—Freshman Orientation	½	Eng. 102—English Composition	3
Eng. 101—English Composition	3	Fine Arts (Art, Drama or Music)	3
French 101—Elementary French	3	French 102—Elementary French	3
OR		OR	
Span. 101—Elementary Spanish	3	Span. 102—Elementary Spanish	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
P.Ed. 101—Orientation in P.Ed.	OR	P.Ed. 102—Orientation in P.Ed.	OR
Service P.Ed.	1	Service P.Ed.	1
Soc. 102—Principles of Geography	3		
Ed. 105—Assembly	½		
	17½		16

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Psy. 200—General Psychology	3	Psy. 222—Human Develop. & Psy. II	3
Eng. 211—Introduction to Literature	3	Hist. 202—United States History	3
Hist. 201—United States History	3	Sci. 202—Introduction to Phy. Sci.	3
Math 100—Fundamentals of Math.	3	P.Ed. 202—Recreational Activities	1
OR		Soc. 202—Introduction to Soc. Sci.	3
Math. 101—College Algebra	3	Soc. 211—Geo. of North America	3
P.Ed. 201—Recreational Activities	1	Elective	2
Sci. 201—Introduction to Phy. Sci.	3		
Soc. 201—Introduction to Soc. Sci.	3		
	19		18

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Econ. 211—Principles of Economics	3	**Econ. 212—Principles of Economics	3
**Hist. 301—Modern Europe	3	Hist. 302—Modern Europe	3
or a Substitute	3	or a Substitute	3
P.Ed. 221—Health and Safety	2	Educ. 452—Fundamentals of Secondary Education	3
**P.S. 111—American Government	3	**P.S. 112—State Government	3
or a Substitute	3	or a Substitute	3
Soc. 301—Introduction to Sociology	3	Soc. 302—Introduction to Sociology	3
Soc. 305—Contemporary Soc. Prob.	3		
	17		15

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
**Hist. 405—Southern History	3	*Educ. 400—Directed Teaching	8
or a Substitute	3	Educ. 410SS—Meth. of Teach. Soc. Sci.	3
**Hist. 411—Recent European History	3	Educ. 412—Administration of Pub. Sch.	3
or a Substitute	3		
Sociology (Upper Level)	3		
Electives	5½		
	14½		14

*All pre-requisites and requirements including biographies and tests for admission into *Directed Teaching* are administered by the Department of Education. It is the student's responsibility to meet them.

**This curriculum is rather inflexible. A few special history courses may be substituted for upper level history courses when approved by the Departments of Social Science, History and Political Science.

Soc. 490-491-492—Sociological Practicum (Cooperative Education) is open for a few highly selected students at 0, ½, 1, 1½, etc., up to 6 semester credits, depending on complexity and time; also will go beyond four years when not completed in the summers and regular semesters.

Electives are offered according to availability of professors.

COURSE DESCRIPTION

SOCIOLOGY 102. *Principles of Geography.*

This course represents the basic principles underlying the science of geography and the human use of resources; the earth's form and movement, climate, topography, oceans and other waters, soils, vegetables and minerals. There is no prerequisite, but this course is a prerequisite for majors, minors and the social sciences area of concentration. It is the prerequisite to Sociology 211 and 212. Credit 3 hours.

SOCIOLOGY 201-202, two semesters. *An Introduction to the Social Sciences.*

This is a survey course of the major social sciences. The aim is to introduce students to branches of knowledge brought about by the scientific method of inquiry. There is no prerequisite, but this course is a prerequisite for all majors, minors, the social sciences area of concentration and electives above Sociology 201-202. Credit 3 hours for each semester.

SOCIOLOGY 211. *Regional Geography of North America.*

This is a regional study of North America with an added unit on Hawaii. Emphases are placed upon the natural resources, economic activities of inhabitants, significant features of each region and the importance of human relations to nature and the environment. Sociology 102 is a prerequisite. Required for the Social Sciences Area of Concentration. Credit 3 hours.

SOCIOLOGY 212. *Geography of Africa: Sub-Sahara Regions.*

The first portion will survey the African continent as a whole, its historical and physical backgrounds, climates, soils, vegetation, peoples, cultures and current developments. The second portion will be descriptive of specific countries, provinces and regions with emphasis upon Sub-Sahara regions. Accredited in the Afro-American Studies program. Sociology 102 is a prerequisite. Credit 3 hours.

SOCIOLOGY 301-302, two semesters. *Introduction to Sociology.*

This is the first purely sociological course in the department. It is required for all majors, minors, the social sciences area of concentration and electives above Sociology 301-302. It is a prerequisite for all other upper level sociology courses. Prerequisites for this course are Sociology 201 and 202. The approach is conceptual. The aim is to give precision and scientific reference to qualitative thinking. Its substance is ongoing and in foreverness. Credit 3 hours.

SOCIOLOGY 303. *Cultural Anthropology.*

This course is designed to acquaint the student with the basic processes in the universal behavior of man regardless of time or place, to point out the main relationships between culture and personality and to survey the factual research on unique sub-cultures of man. Individual projects are required, evaluated and displayed. A field trip is standard. Prerequisites are Sociology 201-202 and 301-302. The latter may be taken concurrently. It is strongly recommended. Credit 3 hours.

SOCIOLOGY 304. *Minority Groups.*

The primary aim is to present objective analyses of ethnic groups. The units covered are designed to sharpen the meaning of minorities, minority peoples, cultural differences, attitudes and values and emerging trends in world societies. Accredited in the Afro-American Studies program. Prerequisites are History 101-102, Sociology 201-202 and 301-302. The latter may be taken concurrently. Credit 3 hours.

SOCIOLOGY 305. *Contemporary Social Problems.*

This is a course in critical thinking applied to social problems and the impact of dislocations among social forces. Students work toward understanding and analyzing the nature of the problems and possible adjustments, alleviations or other dispositions of them. Prerequisites are Sociology 201-202 and 301-302. The latter may be taken concurrently. Required for majors and the social sciences area of concentration. Credit 3 hours.

SOCIOLOGY 306. *Methods of Social Research.*

This course provides theoretical and practical training in social research methods. Emphases are placed on the study of the roles and tasks of social researchers, construction of data-gathering forms, techniques of data collecting including interviewing, observation, use of schedules and questionnaires and procedures in analysis and interpretation. Prerequisites are Sociology 201-202 and 301-302. The latter may be taken concurrently. Required for majors in sociology and for full graduate entrance. Credit 3 hours.

SOCIOLOGY 308. *Introductory Social Statistics.*

This course introduces the theory, logic, formula and use of qualitative and quantitative social statistics as methods of analyzing and refining raw sociological data. Prerequisites include a background in general mathematics, either Mathematics 100, 101, 102 or 104, etc., with units on algebra preferred. Required for majors in sociology and for full graduate entrance. Lecture and laboratory with assistance from Computer Science. Credit 3 hours.

SOCIOLOGY 310-311, two semesters. *Group Dynamics.*

The first semester will focus on theory and skill sessions. The second semester will focus on in-class practicum. Goals are variation of learning related to increased self awareness; uncovering conditions which inhibit or facilitate group functioning; understanding interpersonal operations in groups; developing and employing skills for diagnosing individual, group and organizational behavior. Open by consent of the professor primarily to majors, minors and the social sciences area of concentration. Prerequisites are Sociology 201-202 and 301-302. Credit 3 hours each course.

SOCIOLOGY 312. *The Sociology of Poverty.*

This course investigates the socio-cultural factors which contribute to poverty and deprivation in rural and urban settings. It analyzes the processes by which social differentiation tends to produce social categories and groups defined as poverty stricken. Prerequisites are Sociology 201-202, 301-302 and 305. Credit 3 hours.

SOCIOLOGY 331. *Rural Sociology.*

This course introduces the student to the theories, principles and practices of rural society as a basis toward analyzing any society. It serves as a systematic springboard to the investigation of rural and urban society. Prerequisites are Sociology 201-202 and 301-302. The latter may be taken concurrently. Credit 3 hours.

SOCIOLOGY 333-334. *Community Organization—Community Development Seminar.*

This course is offered when funded and sponsored by a combination of community related agreements with the institution. Students are selected and limited to 15. Prerequisites are Sociology 201-202 and 301-302. Credit 3 hours each course.

SOCIOLOGY 342. *Deviance.*

Open to advanced only. The method is in the nature of a seminar with degrees of off-campus working-learning-earning cooperative education experiences in which advanced students develop units independently and defend the same. Deviance will pursue theories, pilot research and professionally supervised practicum. Emphasis will be placed on sociological excellence in the classroom in the practical sites of employment as a mode to upgrade the latter. Prerequisites are Sociology 201-202, 301-302 and 305 with Education 433 and 434 strongly recommended. Credit 3 hours.

SOCIOLOGY 343. *Juvenile Delinquency.*

Emphasis is placed upon factors of causation as revealed through personal, family and community situations conditioning delinquent behavior. Critical evaluations are made about current methods of dealing with juvenile offenders with a view of recommending creative and innovative improvements. Prerequisites are Sociology 201-202 and 301-302. The latter may be taken concurrently. Credit 3 hours.

SOCIOLOGY 350. *Urban Sociology.*

This course critically examines the social processes, cogent data of the complex array of peoples, the emergence of leadership, the structure of authority and the differentiations between urban social institutions and urban mechanical institutions. It probes the causative inputs to rapid social change in the urbanization-disorganization schemata and the trend toward megalopolis. Prerequisites are Sociology 201-202 and 301-302. The latter may be taken concurrently. Credit 3 hours.

SOCIOLOGY 400. *Honors Seminar.*

This course is planned to challenge the over and above the classroom intellectual energies of professorial, honor roll and other strong students in concerted ways to afford organized outlets for higher scholarly endeavors. Student and professorial teams in arranged rapport will coordinate the input-output scheme with critical evaluations by all. Credit from 1 to 3 hours.

SOCIOLOGY 401. *Social Psychology.*

This course studies the individual in the group through transactional analysis. The major content covers the socio-psychological functions of language, of variations among human beings and the socio-psychological development of personality. Required for majors in Sociology. Prerequisites are: Sociology 201-202, Psychology 200, and Sociology 301-302. In rare cases, selected students may be admitted after satisfying Psychology 200. Credit 3 hours.

SOCIOLOGY 403. *Introduction to Social Work.*

This is a pre-professional course. It is designed to develop an introductory appreciation of the history, development and treatment skills of social technology. Student membership in the statewide association for social workers is strongly urged. Participation in professional conferences at the expense of the student is strongly urged. Prerequisites are Sociology 201-202, 301-302 plus three more credits earned in upper level sociology. Prerequisites may not be taken concurrently. Credit 3 hours.

SOCIOLOGY 405. *Sociological Theory.*

Open to seniors. This course is identified with systematic sociology. It is the nature of a didactic student-centered exchange in which advanced students shall demonstrate their verbal and written competence in relating to, comparing and contrasting the major theories from Comte to Parsons. Prerequisites are Sociology 201, 202, 301, 302, 306, 308 and 401. Credit 3 hours.

SOCIOLOGY 423. *Criminology.*

This is a study of the general research on criminology from the classical schools to the present with special units on the professional criminal and "white collar" crime. Prerequisites are Sociology 201-202 and 301-302. The latter may be taken concurrently. Credit 3 hours.

SOCIOLOGY 431. *Social Change.*

Open to seniors only. This course is in the form of an arena in which advanced students must develop units independently and present a defense of the same. It opens the entire spectrum of sociology for the students to select from in their competition for excellence. Prerequisites are Sociology 201-202, 301-302 plus nine more credits earned in upper level sociology. Strongly recommended. Credit 3 hours.

SOCIOLOGY 441. *Dating, Courtship and Marriage.*

The purpose is to present the most reliable knowledge which exists about dating, mate selection, marriage and remarriage. Students individually or in small groups present their findings for formal evaluation by the entire class which acts as the evaluative critics. Prerequisites are Sociology 201-202, 301-302 plus nine more credits earned in upper level sociology. Open to seniors. Credit 3 hours.

SOCIOLOGY 490-491-492. *Sociological Practicum (Cooperative Education).*

These offerings are in the form of off-campus working-learning-earning experiences for selected students under professional supervision coordinated and evaluated by the University and the employer. Credit ranges from 0, ½, 1½, 2, etc., up to a total of 6 hours for all three segments—an average of 2 hours per experience.



VETERINARY MEDICINE

REGIONAL EDUCATION PLAN in VETERINARY MEDICINE for RESIDENTS of KENTUCKY

Since there is no college or university in the Commonwealth of Kentucky which offers training in Veterinary Medicine, the Commonwealth, through the Regional Education Plan, has made it possible for a limited number of qualified youth of Kentucky to enroll in the approved School of Veterinary Medicine at Tuskegee Institute, Tuskegee Institute, Alabama.

Under this plan the Commonwealth pays Tuskegee Institute the equivalent of the out-of-state fee. Thus, the student from Kentucky will have to pay only the small fee usually paid by a resident of the State of Alabama.

To enter the School of Veterinary Medicine at Tuskegee Institute, a student must have completed a two-year, pre-veterinary program, or its equivalent. This must include the courses basic to the study of Veterinary Medicine.

Interested students should write the Registrar of Tuskegee Institute or the Dean, School of Veterinary Medicine at Tuskegee, for course requirements and other details.

After certification the approved applications will be sent to Tuskegee Institute and the necessary "Permit to Register" will be mailed to the applicant.

Trained Veterinarians are needed in every section of the country and in many fields of endeavor. Veterinary Medicine leads to careers in the following: Private Practice, food inspector, college instructor, stock farm manager, animal disease control officer, supervisor of field, regulatory works, army service, and research.

Tuskegee Institute offers a six-year course leading to the degree of Doctor of Veterinary Medicine.

The first two years are pre-professional and the required work is offered through the major in General Science. In addition, candidates should take the required work in Animal Science in the Department of Agriculture.

The professional curriculum is offered by the School of Veterinary Medicine. It requires four years of specialized study.

Applicants for the four-year professional course must have earned 60 semester hours of credit, above high school, with a grade of "C" or better. These credits must have been earned in the following subjects:

	Sem.	Hrs.
ENGLISH		12
PHYSICAL SCIENCE:		
a. Chemistry (General, Qualitative Analysis and Organic)		12
b. Physics—(one year)		6
BIOLOGICAL SCIENCE:		
a. Zoology, (General, Comparative Vertebrate Anatomy)		8
b. Embryology		2
c. Genetics		2
d. Botany		2
ANIMAL SCIENCE:		
a. Elements of Animal Husbandry	2-3	
b. Poultry Husbandry	2-3	
ELECTIVES		12
Group I—Literature, Public Speaking, Logic, a Foreign Language, Philosophy and Psychology.		
Group II—Political Science, Economics, History and Sociology.		
Group III—Mathematics, Algebra, Trigonometry and Statistics.		
Group IV—Livestock judging and Free Electives.		



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a. Zoology, (General, Comparative Vertebrate Anatomy)	8
b. Embryology	2
c. Genetics	2
d. Botany	2
ANIMAL SCIENCE:	
a. Elements of Animal Husbandry	2-3
b. Poultry Husbandry	2-3
ELECTIVES	12
Group I—Literature, Public Speaking, Logic, a Foreign Language, Philosophy and Psychology.	
Group II—Political Science, Economics, History and Sociology.	
Group III—Mathematics, Algebra, Trigonometry and Statistics.	
Group IV—Livestock judging and Free Electives.	



Also, applicants in possession of Bachelor degrees in agriculture, chemistry, or biological sciences (including pre-med.) who have completed the requirements for these degrees with an accumulative grade point average in excess of "C" or its equivalent shall be considered *At The Discretion of the Committee on Admissions in the School of Veterinary Medicine* for admission to the professional curriculum in Veterinary Medicine. Upon recommendation of the Committee on Admissions, stated prerequisite courses which individuals have not completed shall be waived and the applicant admitted to the professional curriculum. In no case may applicants be considered favorably under the above conditions who have not completed a course in Organic Chemistry.

Students who wish to complete requirements for a degree before entering upon this cooperative program, may take the following program.

BIOLOGY—VETERINARY MEDICINE CURRICULUM

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Biol. 103—Life Science -----	4	Biol. 104—Life Science -----	4
Math. 101—College Algebra -----	3	Math. 102—Trigonometry -----	3
Modern Foreign Language 101— French, Spanish, German -----	3	Modern Foreign Language 102— French, Spanish, German -----	3
Hist. 101—World Civilization -----	3	Hist. 102—World Civilization -----	3
Eng. 101—English Composition -----	3	Eng. 102—English Composition -----	3
P.Ed. 101—Orient. in Phys. Ed. -----	1	Psv. 200—General Psychology -----	3
Ed. 100—Freshman Orientation -----	1/2	P.Ed. 102—Orient. in Phys. Ed. -----	1
Ed. 105—Assembly -----	1/2		
	<hr/> 18		<hr/> 20

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Chem. 101—General Chemistry -----	4	Chem. 102—General Chemistry -----	4
Eng. 211—Intro. to Literature -----	3	Eng. 212—Intro. to Literature -----	3
Modern Foreign Language 201— French, Spanish, German -----	3	Modern Foreign Language 202— French, Spanish, German -----	3
Biol. 203—Comparative Vertebrate Anatomy -----	4	Biol. 212—General Botany -----	3
Soc. 201—Intro. to Social Soc. -----	3	Psy. 222—Human Dev. & Psy. II -----	3
P.Ed. 201—Recreational Activities -----	1	Soc. 202—Intro. to Soc. Sci. -----	3
	<hr/> 18	P.Ed. 202—Recreational Activities -----	1
			<hr/> 20

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Biol. 307—Genetics -----	3	Biol. 304—Vertebrate Embryology -----	4
Econ. 211—Principles of Econ. -----	3	Sci. 212—General Physics -----	4
Sci. 211—General Physics -----	3	Electives -----	7-8
Music or Art Appreciation -----	3		
Electives -----	4-6		
	<hr/> 16-18		<hr/> 15-16

SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Biol. 401—Entomology -----	4	Chem. 202—Organic Chemistry -----	4
Chem. 201—Organic Chemistry -----	4	Agr. 104—Farm Poultry -----	4
Agr. 103—Farm Animals -----	4	Biology Electives -----	4-6
P.Ed. 221—Health and Safety Ed. -----	2	Electives -----	3-4
Electives -----	2-4		
	<hr/> 16-18		<hr/> 15-18





The Kentucky State Community College

The Community College is one of the important new and growing programs at Kentucky State. Its primary aim is to relate the institution and the community via meaningful credit and non-credit instructional activities.

The campus evening class program has been and continues to be the principal medium for achieving this objective. Under the auspices of the Community College program at Kentucky State, this schedule is expanding rapidly and is accommodating increasing numbers of students who have a broadening variety of interests and ambitions.

Also, commuting students are enrolling in day classes on a part-time basis. Homemakers often find this approach to a college education attractive.

Two-year degrees and one-year certificates are important incentives which have been added to the Community College program. These are discussed in subsequent paragraphs. Now, a student can work toward a degree or certificate while he holds a full-time position in a nearby factory, office or business.

The Community College is providing additional services through non-credit courses, institutes, and conferences. Examples of these are summer Head Start staff orientation institutes and conferences on aging. Individuals or organizations that have interests in these kinds of programs should communicate with the Community College office, Room 226, Hume Hall.

In the following paragraphs, various guidelines for registration as a part-time student are given. These generally conform to the regulations and schedules set forth elsewhere in this catalogue for full-time students.

ADMISSION

A student will be admitted to courses for credit in the Community College program if he is eligible for credit as a full-time student at Kentucky State. Each student is responsible for the submission of the necessary applications and records which verify his eligibility. No credit will be granted until the admission process is completed.

There are no requirements for admission to non-credit courses or to non-credit status in credit courses. These are open to anyone desiring to enroll.

COUNSELING

Prospective students are urged to visit the Community College office, Room 226, Hume Hall, before registration, in order to discuss matters related to enrollment, transfer of credits, fees, degree plans, etc. *This visit should take place soon enough for all admissions procedures to be completed before registration.*

TRANSFER OF CREDIT

It is the responsibility of the student to ascertain whether specific courses will be accepted by another institution. Generally, transfer of credit is permissible.

REGISTRATION DATES AND TIMES

The dates and times for registration will be announced for each semester. For evening and part-time students the period to register usually includes several days and at least one evening in order to accommodate those who are employed.

REGISTRATION PLACE

The Community College office, Room 226 of Hume Hall, is the place to report for registration.

REGISTRATION DEADLINE

In order to enroll for credit, a person must register before a class begins its second week of meetings.

LATE REGISTRATION

An extra fee must be paid at the time of registration by anyone who enrolls after his class has met the first time. Late registration continues until the day a class begins its second week.

REGISTRATION FEES

For Kentucky residents the fees are \$13 per credit hour for undergraduate courses and \$19 per credit hour for graduate courses. Out-of state residents pay \$34 and \$47 per credit hour, respectively. Non-credit courses range from \$13 to \$40 depending on the course. A \$2 service charge will be added to the total amount of the class registration fee for each student. The amount of the registration fee is set by the Kentucky Council on Public Higher Education and is subject to revision periodically.

REFUNDS

For anyone who withdraws before the deadline, there will be a full or partial refund of the registration fee, the amount depending on the date of withdrawal. The official date of withdrawal is the date the *written* notice is received by the Community College office. The withdrawal deadline will be announced at the beginning of each semester.

CALENDAR

The Community College calendars are essentially the same as those listed in the front of this catalogue. Any variations will be announced at the beginning of each semester.

NUMBER OF CLASS MEETINGS

Every course, unless otherwise specified, is to meet during at least sixteen of the total number of weeks during the semester.

CURRICULA

The patterns of study of the Community College are planned to meet the needs of several groups of students:

- (1) those who desire to extend their education two years beyond high school and to pursue subjects that will round out and complete their general education,
- (2) those who desire to complete four-year college education and to obtain the first two years in a college near their homes,
- (3) those who expect to enter professional schools later and who desire to obtain the pre-professional training essential for that purpose,
- (4) those who want to improve themselves culturally or who want to learn for personal enjoyment, and
- (5) those who desire training in special areas which will prepare them for positions in government, business and industry.

ASSOCIATE DEGREES

Eleven curricula are in operation. They are: Accounting Technology, Computer Science, General Education, Industrial Technology (Architectural Drafting, Civil Drafting, Electronics, and Metals), Library Technology, Nursing Education, and Office Administration (Two Years and One Year). Others are under consideration.

ACCOUNTING TECHNOLOGY

By taking the courses in this curriculum, under the Department of Business and Economics, a person will be enabled to specialize in accounting and to receive an associate degree. There are related business courses and a number of general education subjects. A graduate of the program will be prepared to do accounting in business and government.

COMPUTER SCIENCE

The Computer Science Program offers an associate degree in Computer Science for students who plan careers in data processing and related computer activities. The program may also be used as a foundation for those desiring to pursue

bachelor's degrees. The objectives are to provide (1) an understanding of how computers operate; (2) a working knowledge of computer concepts, programming, and systems; (3) an experience with computers through in-service training; and (4) a foundation through basic courses for further college study.

Graduates of this associate degree program are equipped with training and experience for employment as programmers and systems workers in data centers. To provide meaningful experiences, the College not only operates a data center but maintains close relationship with several local computer installations.

GENERAL EDUCATION

Some students desire to complete their formal education in the Community College. They are not interested in preparing to enter specific positions after graduation, or in working toward four-year degrees. Such students register in the two-year general education curriculum, consisting of the basic curriculum and such other curricula as they desire and are qualified to enter. Counselors will help the students to choose electives which will make it possible to explore new fields of study in accordance with the students' interests.

Courses, totaling 65 credits, for the Associate in Arts Degree-General Education should be selected from the general education curriculum, mentioned above, which is described elsewhere in the catalogue.

INDUSTRIAL TECHNOLOGY

The Department of Industrial Education provides two-year industrial technology degrees in four areas: *Architectural Drafting*, *Civil Drafting*, *Electronics*, and *Metals*. Graduates of these programs work as technicians in architectural offices, engineering companies, and industrial establishments. They obtain backgrounds in general education and technology which enable them to pursue four-year degrees if they choose to do so. Refer to the section, "Department of Industrial Education," in this catalogue, for description of the industrial technology program, curricula, and courses.

LIBRARY TECHNOLOGY

This degree offers preparation for careers in public, technical, industrial, and school libraries. Technicians work in conjunction with professional librarians. They are trained in the acquisition and cataloging of books and other materials. They assist in circulation activity with the public and they answer certain reference questions. The technician supervises non-technical personnel.

NURSING PROGRAM

The Nursing Education Program is accredited by the Kentucky State Board of Nursing Education and Nurse Registration which supervises all preparation programs in the Commonwealth and which conducts the licensing examination for prospective registered nurses (R.N.'s).

The Nursing Education Program provides for its students a well organized two-year curriculum which includes general education and professional courses. The program is designed to prepare both men and women to become registered nurses who can function with intellectual and technical competency. It combines studies at the College with planned and guided experience in patient care in hospitals and health agencies.

With this educational background, the graduate is prepared for beginning staff nursing positions in all clinical nursing areas.

OFFICE ADMINISTRATION (TWO YEARS)

Through its two-year curriculum in Office Administration, the Community College program of Kentucky State offers an area of training designed to prepare a student for employment in general secretarial and clerical fields.

This program is especially planned for the person who does not wish to pursue a bachelor's degree, but is interested in acquiring the requisite proficiencies and skills for gainful employment and who desires the collegiate background that will contribute to advancement after a two-year period of matriculation.

OFFICE ADMINISTRATION (ONE YEAR)

Through its one-year curriculum in Office Administration, the Community College provides intensive training for the individual who desires secretarial or clerical employment after a minimum time period, yet who wants a well-rounded preparation.

ADDITIONAL INFORMATION

Prospective enrollees for any of the above programs may write or call the Community College office, Room 226, Hume Hall, for detailed information about entrance requirements, specific courses, and schedules. Brochures which describe each existing program are available now, and brochures which describe the new programs will be prepared prior to the beginning of each program.



Government and Control

Under the provision of legislation enacted by the 1956 General Assembly of Kentucky, the Control of Kentucky State is vested in a Board of Regents. This Board is composed of the State Superintendent of Public Instruction, elected for a term of four years, six lay members, appointed by the Governor for overlapping four-year terms, one non-voting faculty representative and one non-voting student representative.

BOARD OF REGENTS

LYMAN V. GINGER, Superintendent of Public Instruction, Chairman

JOHN B. ASTLES, Covington

Term expires April 14, 1975

LESTER MIMMS, Earlington

Term expires March 31, 1974

HENRY R. HEYBURN, Louisville

Term expires April 14, 1975

DR. JOSEPH P. LEONE, Frankfort

Term expires April 14, 1975

REV. HOMER E. NUTTER, Lexington

Term expires March 31, 1973

HENNING H. HILLIARD, Louisville

Term expires March 31, 1972

GUS T. RIDGEL

Term expires March 31, 1974

Student Representative

The external government and control is vested in the Board of Regents. The said Board shall adopt such rules and regulations for the government of the school and guidance of the employees as it may deem proper.

THE PRESIDENT

Immediate executive control is effected through the president, the executive agent appointed by the Board. Subject to the control of the Board, he shall have general supervision of all educational and business affairs of the institution and of all disciplinary problems which may arise.

THE EXECUTIVE COUNCIL

The internal government of the institution is in the hands of the faculty who act through the Executive Council and Instructional Faculty.

The Executive Council is responsible for overall policy consideration and for advice to the President on matters affecting the institution. The Council deliberates on matters that affect the general welfare of the faculty, staff and students; relationships with other institutions of higher education; and other pertinent questions as may be brought to the attention of the Council.

THE INSTRUCTIONAL FACULTY

The Instructional Faculty consisting of the President, Vice President for Academic Affairs, Registrar and Admissions Officer, chairmen of departments, and teachers, is charged with the formulation and direction of general academic policies and practices of the college. On matters of a purely academic nature, the Instructional Faculty is the final internal source of authority.

ADMINISTRATION

Carl M. Hill, B.S., M.S., Ph.D., LL.D. _____ *President*
 A. J. Richards, A.B., M.A., Ph.D. _____ *Vice President for Academic Affairs*
 Eddie W. Morris, B.A., M.A., Ed.D. _____ *Dean of Admissions and Registrar*
 Frank D. Bean, B.A., M.A., Ed.D. _____ *Dean of Development and Community College Division*
 Herman Robinson, B.S. _____ *Vice President for Business Affairs*
 Charles N. Rice, B.S., M.A. _____ *Dean of Student Affairs*
 William H. Goodwin, A.B. _____ *Director of Public Relations and Alumni Affairs*

ADMINISTRATIVE STAFF

OFFICE OF THE PRESIDENT

Carl M. Hill, Ph.D., LL.D. _____ *President*
 William T. Simmons, Jr., B.S. _____ *Executive Secretary*

OFFICE OF THE VICE PRESIDENT FOR ACADEMIC AFFAIRS

A. J. Richards, Ph.D. _____ *Vice President*
 Clara W. Smith, B.S. _____ *Secretary*

OFFICE OF THE DEAN OF ADMISSIONS AND REGISTRAR

Eddie W. Morris, Ed.D. _____ *Dean of Admissions and Registrar*
 Lyman R. Dale, M.A. _____ *Assistant Registrar*
 Julia L. Douglas, B.S. _____ *Recorder*
 Georgia A. Pittman _____ *Admissions Counselor*
 Joyce H. Smith _____ *Acting-Secretary to the Registrar*
 Stacia M. Allen _____ *Clerk*
 Cheryl A. Adams _____ *Clerk-Typist*
 Connie R. Emanuel, Certificate _____ *Clerk-Typist*
 Gearldine Jagoe _____ *Recruitment Clerk-Typist*

OFFICE OF DEVELOPMENT AND COMMUNITY COLLEGE DIVISION

Frank D. Bean, Ed.D. _____ *Dean*
 Jimmy L. Williams, B.S. _____ *Assistant Director of Development*
 Margaret Beckett _____ *Secretary*
 Edith M. Norton _____ *Secretary*

OFFICE OF THE VICE PRESIDENT FOR BUSINESS AFFAIRS

Herman Robinson, B.S. _____ *Vice President*
 N. R. Jain, M.B.A., LB _____ *Accountant*
 Joe C. Newsome, B.S. _____ *Secretary to Vice President for Business Affairs*
 Dorice I. Brown _____ *File Clerk and Assistant Switchboard Operator*
 Sharon L. Christopher _____ *Clerk-Typist*
 Judi A. Goins _____ *Purchasing Clerk*
 Clara E. Hogan _____ *Clerk-Typist*
 Flora D. Mitchell, Certificate _____ *Clerk*
 Gwen D. Moody, Certificate _____ *Bookkeeper*
 Shirley A. Wesley, Certificate _____ *Cashier*
 Katie L. Wilson _____ *Purchasing Clerk*
 Laverne Kittrell _____ *Switchboard Operator*

OFFICE OF STUDENT PERSONNEL

Charles N. Rice, M.A. _____ *Dean of Student Affairs*
 Frank E. Austin, B.A. _____ *Director, Career Planning and Placement Services*
 Mollye K. Bradford, M.Ed. _____ *Head Resident, Hunter Hall*
 Mary S. Campbell, Certificate _____ *Secretary to Director of Career Planning and Placement Services*
 Melvin Cunningham, B.S. _____ *Assistant Head Resident, Young Hall*
 Hattie A. Duncan, M.S. _____ *Counselor*
 Hettie J. Ellis, A.B. _____ *Head Resident, Chandler Hall*
 Mary T. Fields _____ *Registered Nurse*
 Evelyn P. Gaines _____ *Assistant Head Resident, Chandler Hall*
 Olessa C. Green, A.B. _____ *Acting Associate Dean of Students*
 Scott Hubbard, A.B. _____ *Assistant Head Resident, Atwood Hall*
 Peggy M. Lewis, B.S. _____ *Secretary to the Dean of Student Affairs*
 Willis P. McKee, M.D. _____ *University Physician (Part-time)*
 Jackie Morgan _____ *Nurse Aide*
 Ruthie U. Morris, Certificate _____ *Secretary, Office of Dean of Student Affairs*
 Gregory Nailing, B.A. _____ *Head Resident, Atwood Hall*
 Elizabeth Oglesby _____ *Head Resident, Combs Hall*
 John Parks, M.D. _____ *University Psychiatrist*
 O. M. Patrick, M.D. _____ *University Physician (Part-time)*
 Jack Salisbury, D.M.D. _____ *University Dentist (Part-time)*
 W. S. Snyder, M.D. _____ *Dir. of Health Service and University Physician (Part-time)*
 Freddie Williams, A.B. _____ *Head Resident, McCullin Hall*
 Willard Williamson, M.S. _____ *Associate Dean of Students, Head Resident, Young Hall*

OFFICE OF PUBLIC RELATIONS AND ALUMNI AFFAIRS

William H. Goodwin, A.B. _____ *Director of Public Relations and Alumni Affairs*

OFFICE OF CHAPLAIN

William W. Jones, M.S. _____ *Chaplain*

BLAZER LIBRARY

James R. O'Rourke, M.S.L.S.	Librarian
Lillian T. Wright, M.S.L.S.	Assistant Librarian
Karen M. Marcum, M.S.L.S.	Assistant Librarian
Eleanor Sweeten, M.S.L.S.	Assistant Librarian
Leroy S. Strohl, M.S.L.S.	Assistant Librarian
Susan Besemer, M.S.L.S.	Assistant Librarian (Part time)
Margaret R. Baker, M.Ed.	Library Assistant
Gloria G. Giles, B.A.	Library Assistant
Bobbie B. Jordan, B.S.	Library Assistant
Donald Lyons, A.B.	Library Assistant (Part time)
Jimmie Mitchell, B.S.	Assistant, Curriculum Laboratory
Fulvia F. Greene, Diploma	Secretary to the Librarian
Harriet W. Schramme	Library Technician
Inetta Hudspeth	Library Technician
Beverly Mapp	Clerk-Typist
Rosemary Robinson	Clerk-Typist
Linda W. Ross	Clerk-Typist

OFFICE OF MAINTENANCE AND OPERATIONS

Charles G. Douthitt, Jr., B.S.	Acting Director, (Interim)
Charles E. Johnson	Chief of Security
Walter Campbell	Supervisor of Maintenance
Albert Tinsley	Supervisor of Custodians
James Graham	Assistant Supervisor of Custodians
Henrietta Gill	Secretary to Director
Augustine Dowell	Secretary to Department

OFFICE OF DUPLICATION

Alma A. Richardson, B.S.	Director of Duplication
Katie C. Jones	Clerk

BOOKSTORE

Anna C. Surratt, B.S.	Manager of Bookstore
Marie Williams	Cashier
Wandella Marshall	Clerk Typist

OFFICE OF FINANCIAL AID

Paul P. Borden, B.S.C.	Director of Financial Aid
Donna D. Borden	Assistant Director of Financial Aid
Zuelia Waiters	NDSL Accounts Supervisor
Annette Waiters	Secretary-Receptionist

OFFICE OF THE WAREHOUSE

Carl Peake	Manager of Warehouse
Patricia Wilson	Secretary to Manager of Warehouse
Raymond Bray	Warehouse Storekeeper

DEPARTMENTAL SECRETARIES

Sarah C. Barnard	Secretary to Business-Economics Department
Shirley A. Childs, B.S.	Secretary (Junior), Industrial Education Department and U.S.D.A. Liaison Officer
Jean C. Clark	Secretary to Biology, Chemistry, Computer Science and Mathematics and Physics Departments
Rebecca Crawford	Secretary to Director of Testing and Director of Nursing
Catherine L. Graham	Secretary to Professor and Chairman, Education and Psychology Department
Mary A. Hardy	Secretary to Home Economics and Physical Education Departments
Barbara A. O'Nan	Secretary to Music Department
Glenna M. Robinson	Secretary to Director of Student Teaching
Judith H. Ward	Secretary to English and Modern Foreign Language Departments

TECHNICIANS AND ASSISTANTS

Lonzo Bullie	Assistant Football Coach and Technician, Department of Health and Physical Education
George D. Ewen	Art Technician, Department of Education and Psychology
John Smith, B.S.	Technician (Part-time), Area of Dramatics

FACULTY

CARL M. HILL	B.S., Hampton Institute; M.S., Cornell University; Ph.D., Cornell University, LL.D., University of Kentucky, Kentucky State, 1962— President; Professor, Department of Chemistry
A. J. RICHARDS	A.B., State University of Iowa; A.M., State University of Iowa; Ph.D., State University of Iowa, Kentucky State, 1929— Vice President for Academic Affairs; Professor, Department of Modern Foreign Language
ARSENIO ALFARO	B.A., University of Nebraska; M.A., University of Nebraska; Ph.D., Columbia University, Kentucky State, 1965— Professor and Chairman, Department of Modern Foreign Languages
DAVID L. ANDERSON	B.S., Concord College; M.A., Marshall University; M.M., Indiana University, Kentucky State, 1968— Assistant Professor; Department of Music

WILLIAM T. BARNES

B.S., Eastern Kentucky University; M.A., Eastern Kentucky University; Advanced study Eastern Kentucky University. Kentucky State, 1968—

Instructor, Department of Industrial Education

ROY A. BARRETT

B.S., A. and T. College of North Carolina; M.S., University of Massachusetts; Advanced Study, Cornell University. Kentucky State, 1968—

Instructor, Department of Biology

FRANK D. BEAN

A.B., University of Kentucky, 1941; M.A., University of Kentucky, 1948; Ed.D., University of Kentucky, 1960. Associate Professor of Education; Dean of the Community College and Dean of Development. Kentucky State University, 1964—

WILLIAM W. BEARDEN

B.S., Tuskegee Institute; M.S., Bradley University; Ed.D., Bradley University. Kentucky State, 1970—

Professor and Chairman, Department of Industrial Education

DOUGLAS B. BESEMER

B.S., Ithaca College; M.M., Indiana University; Advanced Study, Indiana University. Kentucky State, 1971—

Instructor, Department of Music

JOAN B. BISHOP

B.S., Jackson State College; M.Ed., Tuskegee Institute; Special Study (Reading), Tuskegee Institute. Kentucky State, 1970—

Instructor, Department of Education and Psychology

RALPH H. BISHOP

B.S., Jackson State College; M.S., Tennessee State University. Kentucky State, 1970—

Instructor, Department of Health and Physical Education and Assistant Football Coach

ROSAIRENE J. BLACK

A.B., Kentucky State College; M.A., Atlanta University; Advanced Study, University of Kentucky. Kentucky State, 1958—

Assistant Professor, Rosenwald Laboratory School

HOMER BREWER, JR.

A.B., William Jewell College; B.D., Southern Baptist Theological Seminary; Th.M., Southern Baptist Theological Seminary; M.A., University of Kentucky. Kentucky State, 1965—

(Part-time) Instructor of Philosophy

***A. RUSSELL BROOKS**

B.A., Morehouse College; M.A., University of Wisconsin; Advanced Study, University of Edinburgh; Ph.D., University of Wisconsin. Independent Research, Yale University Libraries and University of Kentucky Library.

Professor and Chairman, Department of English

*Retired.

VIRGINIA A. BROOKS

A.B., Talladega College; M.P.H., University of Michigan; M.A., New York University; Advanced Study, University of Kentucky. Kentucky State, 1960—

Assistant Professor, Department of Health and Physical Education

VELERIA E. BRYANT

B.S., Tennessee State University; M.S., Tennessee State University. Kentucky State, 1970—

Counselor, Student Counseling Center, and Instructor

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1. Jackson Hall — John H. Jackson
2. Blazer Library — Paul G. Blazer
3. Combs Hall — Bert T. Combs
4. McCullin Hall — James L. McCullin
5. Hunter Hall — Ann J. Hunter
6. Carver Hall — George Washington Carver
7. Atwood Hall — Rufus B. Atwood
8. Basketball Courts
9. Jordan Heating Plant — James A. Jordan
10. Underwood Hall — Elsworth E. Underwood
11. Jordan Service Building — Robert H. Jordan
12. Kentucky Hall
13. Hume Hall — Edgar E. Hume
14. Bell Health and Physical Education Building — W. C. Bell
15. Warehouse Annex
16. Chandler Hall — Mildred Chandler
17. Hill Student Center — Carl M. Hill
18. Betty White Health Center

19. Faculty-Staff Housing —
 - (1) James H. Ingram Apartments
 - (2) James S. Estill Apartments
20. President's Home
21. Hathaway Hall — James S. Hathaway
22. Bradford Hall — David H. Bradford
23. Alumni Building
24. Electric Substation
25. Tennis Courts
26. Rosenwald Laboratory School — Julius Rosenwald
27. Shauntee Industrial Arts Building — W. Frank Shauntee
28. Jones Field House — P. W. L. Jones
29. Alumni Field
30. Young Hall — Whitney M. Young, Jr.
31. Russell Court — Green P. Russell
32. Memorial Athletic Complex

